

Table 8

6046	Table 3A	Hs.146381	BE813237	9894834	RNA binding motif protein, X chromosome (RBMX), mRNA /cds=(11,1186)	-1	ACTGACCTAGCAGATGTGTGGAAAG GAATCAGATCTTGAATCTCTGGG
6047	Table 3A	Hs.4310	BE814297	9896894	eukaryotic translation initiation factor 1A (EIF1A), mRNA /cds=(207,841)	-1	ACAACCTCAAGTGAAGAGTGTCTCCA GTTTCTCAAGATACACGACGCTGA
6048	Table 3A	Hs.198802	BE821611	9892551	6014937/547T1 cDNA, 3' end /clone=IMAGE:3895836 /clone_end=3'	-1	CGCCGACCTGTTGAAGTTTGTGTGT GTAGTTGGTTTCTGTTGAGTTCTT
6049	Table 3A	Hs.324481	BE845433	9970744	EST380617 cDNA	-1	CACCACCTGGTAGGAAGGTCAATCT TATGCTCAGAAGTCCACCACCA
6050	db mining	Hs.283165	BE846441	9970752	7e8b08.x1 cDNA, 3' end /clone=IMAGE:3292091 /clone_end=3'	-1	CACCTCTTAAAGGGTGAAGGGTGT GACAATAACTACGAGGAAGTGTGT
6051	Table 3A	Hs.341573	BE846470	9970781	tc38c11.x1 cDNA, 3' end /clone=IMAGE:2088900 /clone_end=3'	-1	AAAACACTCCACCTAAAGCAGGAAA GATGCGCAATCTTAATAGCAGCTA
6052	db mining	Hs.283166	BE846492	9970803	7e87g01.x1 cDNA, 3' end /clone=IMAGE:3292176 /clone_end=3'	-1	GGAGGTTTGTAGTGTGCTTTATTT GAGATATTGTATCTTTGTAGTATTGC
6053	Table 3A	Hs.187872	BE846499	9970810	7e87h02.x1 cDNA, 3' end /clone=IMAGE:3292179 /clone_end=3'	-1	TTGTAAAGTCTCGGGCAAGTGAAGTCA ACATGGTCTTCAAGTCAAGGTTGT
6054	db mining	Hs.283167	BE846510	9970821	7e88b08.x1 cDNA, 3' end /clone=IMAGE:3292215 /clone_end=3'	-1	TGTGAGTGTATTAGGTTACAGTGGAT TCCAACTAGGCCAAGTGAAGCA
6055	db mining	Hs.283168	BE846569	9970880	7e89c01.x1 cDNA, 3' end /clone=IMAGE:3292320 /clone_end=3'	-1	TCAGCCAGGAGCAAGAACCTGTGAT TATGAATTGACGAGAAGAAACAA
6056	db mining	Hs.283169	BE846617	9970926	7e91b07.x1 cDNA, 3' end /clone=IMAGE:3292501 /clone_end=3'	-1	GTTCCCACTGGTCTTCCGCCGAGAAA CTGCGCTTTCAAGCAATTCACAA
6057	db mining	Hs.225200	BE846640	9970951	7e91f08.x1 cDNA, 3' end /clone=IMAGE:3292551 /clone_end=3'	-1	GGGTCCAAGATTATTGATTAATTTGG GCACCGGAGAGCTCGAGTCTCCCC
6058	Table 3A	Hs.129192	BE870584	10031125	7e93b08.x1 cDNA, 3' end /clone=IMAGE:3284607 /clone_end=3'	-1	GACCACCTGTAAAGCAAGTCTTTCA AGTTTCACTGCACATCCCAACCA
6059	Table 3A	Hs.75703	BE870604	10031345	small inducible cytokine A4 (homologous to mouse Mip-1b) (SCYA4), mRNA /cds=(106,386)	-1	TGTTCCACTGTCACCTGTTCTCTGCT GTGGCAATACATGAGTAACACAT
6060	Table 3A	Hs.195374	BE871615	10032445	7e47c12.x1 cDNA, 3' end /clone=IMAGE:3221678 /clone_end=3'	-1	AGACTCTGGAAGAGGAGGTCGGAG TATTAACTGCGTGGGAATGAGAGG
6061	Table 3A	NA	BE872733	10033274	7b75g07.x1 NCI_CGAP_Lu24 cDNA clone IMAGE:3234106 3' similar to TR-O99231 O99231 CYTOCHROME OXIDASE	-1	TGAGAGCACCATTAATTCACAGCA GTGAATAACGAGACACACGAGCA
6062	Table 3A	Hs.77542	BE873364	10033905	602629438F1 cDNA, 5' end /clone=IMAGE:4754432 /clone_end=5'	-1	ACATTCTCTCATTTTGTGCAAGCTGAT TTGATTGGGTGCTGTTTCTGCG
6063	Table 3A	Hs.86357	BE873759	10034300	7d99d02.x1 cDNA, 3' end /clone=IMAGE:3278211 /clone_end=3'	-1	TGAGAAGGTAAGTAGAAAGGGAAG ATGATGAGTGAAACAAATGAGCTTGT
6064	db mining	Hs.283248	BE874862	10035284	7e93g03.x1 cDNA, 3' end /clone=IMAGE:3292756 /clone_end=3'	-1	ACATTATTCATGGGAATAAGTATC AGTGCAAGAGCTGTAAGGAGTGC
6065	Table 3A	Hs.88845	BE874885	10035307	AV73781 cDNA, 5' end /clone=cdAASF08 /clone_end=5'	-1	CGCCGCTCTGGAGACCTGATAACTT AGGCTTGAATAATTGACTTTGTCT
6066	Table 3A	Hs.171120	BE874709	10035331	7e94f05.x1 cDNA, 3' end /clone=IMAGE:3292833 /clone_end=3'	-1	TGTATGTCGAATATGCTTATGGGTAA TTATGGGCAAGAGAAATGGAACAA
6067	db mining	Hs.283249	BE874713	10035335	7e94g02.x1 cDNA, 3' end /clone=IMAGE:3292850 /clone_end=3'	-1	ACCCCTTGGTAAGCAAGTGTGAAGAA TTAAACAGAGGAATGCTGCTTTC
6068	Table 3A	Hs.167208	BE874762	10035230	7e98d05.x1 cDNA, 3' end /clone=IMAGE:3293193 /clone_end=3'	-1	AAATCAGGCCCTTGCAGCTTACACA AAAATCTTGTGAGATGACTCAAG
6069	db mining	Hs.283247	BE874807	10035275	7e93d11.x1 cDNA, 3' end /clone=IMAGE:3292725 /clone_end=3'	-1	AGGGCAGAGGTCTTTGGGAGGGTA AGCTCACAAAACCTCAGGAGGAGCAG
6070	Table 3A	Hs.174010	BE874902	10035443	7e97a04.x1 cDNA, 3' end /clone=IMAGE:3293070 /clone_end=3'	-1	TCATCTCCGCCAAGTCTCCACTAGG CAGGAAGGATTTTATCTAAAGT
6071	Table 3A	Hs.174144	BE874951	10035492	7e97g10.x1 cDNA, 3' end /clone=IMAGE:3293154 /clone_end=3'	-1	CCACCACAGCTCGGAATCCGAGTGAA ATAAATAGCATCGCCGCCAACATC
6072	Table 3A	Hs.190055	BE874964	10035505	7f11b09.x1 cDNA, 3' end /clone=IMAGE:3294329 /clone_end=3'	-1	AGGCACACGATTGTCAACATTCTCC CTTTACAGCTGTAATATCAGTAA
6073	Table 3A	Hs.211828	BE875092	10035633	7f02d07.x1 cDNA, 3' end /clone=IMAGE:3293485 /clone_end=3'	-1	GCAACGTCTGAATGTAGTAATGTGAC TCAGAGTCTCAAGTAGCAATTGC

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6074	db mining	Hs.330706	BE675125	10035666	IL3-UT0114-301100-357-H02 cDNA	-1	GCCACCCCATCTGGGAGGCCAGCA TCCAAATCAGTCGCCTCAATGATT TGATAGCATGGATGCTGATGGTAA TCTGCCCTCAGGAAATGCGGGACT
6075	db mining	Hs.283251	BE675180	10035721	7f03h06.x1 cDNA, 3' end /clone=IMAGE:3293627 /clone_end=3'	-1	TGGAGGCCAAGAAGCCACTGACTCAA GAGGATTTCAAGGAGAGCTGCTGG CAACCTTTTGTAACAGGGAGCTAGCC GGGGCAGAGAGGGGTTCTTGAGAC
6076	db mining	Hs.339281	BE675338	10035879	HNC29-1-D4.R cDNA	-1	ACTTGAAGGCACATCTCCCTTTTGGT TGTTTTCCATCTCAAAATTAACCT
6077	db mining	Hs.283253	BE675379	10035920	7f08b02.x1 cDNA, 3' end /clone=IMAGE:3294027 /clone_end=3'	-1	TAAAACTGACATGACATGAGATGGT TTAA GTGTCAAAACATAAGGCTCTT
6078	db mining	Hs.283254	BE675403	10035944	7f08d10.x1 cDNA, 3' end /clone=IMAGE:3294067 /clone_end=3'	-1	ACTGACATAAGCCACTTCAGGTGTT TGGAAGACACCTAAGAGAACTCAGA
6079	db mining	Hs.283255	BE675434	10035975	7f09a10.x1 cDNA, 3' end /clone=IMAGE:3294138 /clone_end=3'	-1	GCAGCTTTTTCGTGGCGGGGCTCA AATAAAGTAGCTTCCCAAAAGAAA
6080	db mining	Hs.283256	BE675531	10036072	7f10h08.x1 cDNA, 3' end /clone=IMAGE:3294303 /clone_end=3'	-1	ACCTGGTTATCTCGCAATGACCTAGC TAA CACAAATGCAACATCAGCCGG
6081	db mining	Hs.313545	BE675610	10036151	7f12g09.x1 cDNA, 3' end /clone=IMAGE:3294496 /clone_end=3'	-1	TGATCAAAATGAAGTGGCTGCACCG TATAAATGGCAGATGAATAGACT
6082	db mining	Hs.180637	BE675718	10036259	7f14h04.x1 cDNA, 3' end /clone=IMAGE:3294679 /clone_end=3'	-1	GCAGGAGAAATACCTCTTAATGGG TGTGGACACTGGAGCAACTGTAC
6083	db mining	Hs.283258	BE675792	10036333	7f16b02.x1 cDNA, 3' end /clone=IMAGE:3294795 /clone_end=3'	-1	AGGGCAGCTGTTTGTCTCTTAATATG GAGAAATATGCGAAATTACTGGGA
6084	db mining	Hs.283259	BE675819	10036360	7f17d10.x1 cDNA, 3' end /clone=IMAGE:3294931 /clone_end=3'	-1	TTGGCTATGTTAAATTTCTCTCAG TTCTCTGTGGCCTTCTCTCTCT
6085	db mining	Hs.283261	BE675957	10036498	7f19b06.x1 cDNA, 3' end /clone=IMAGE:3295091 /clone_end=3'	-1	GAACTAGAGCCGACGCTAGGACAGT GCTGTTAAGAAAGTATTTGGAAGAG
6086	db mining	NA	BE676019	10036560	7f20c12.x1 NCL CGAP_CLL1 cDNA clone IMAGE:3295222 3' similar to contains Alu repetitive element, m	-1	ATCCCATTCTCCTCTCAAGGCGAGGG GTCAATAGATCTTAAGCCATAAAAT
6087	Table 3A	Hs.170584	BE676049	10036590	7f21a03.x1 cDNA, 3' end /clone=IMAGE:3295276 /clone_end=3'	-1	TGCTGTAAATGGAGCTGCTATAGGA ACCTATTTTCCATAGGAACCTGCA
6088	Table 3A	Hs.181015	BE676054	10036595	signal transducer and activator of transcription 6, interleukin-4 induced (STAT6), mRNA /cds=(165,2708)	-1	ACTGGAGAAAGGTGTCTCTCTGTCTT TTCAGGGGCTCTCGCGGGAATTC
6089	db mining	Hs.283263	BE676154	10036695	7f24a12.x1 cDNA, 3' end /clone=IMAGE:3295582 /clone_end=3'	-1	TGCTCACTGTCTTCGGAAGGACAA GCACCTTCTGAAATTCCTAAGCA
6090	db mining	Hs.283284	BE676173	10036714	7f24c12.x1 cDNA, 3' end /clone=IMAGE:3295606 /clone_end=3'	-1	CAATCGGATCATTTCTCTCAAGTTGG GCGGCTCTTCTCGCTCTCTCTCT
6091	Table 3A	Hs.134648	BE676210	10036751	7f25c05.x1 cDNA, 3' end /clone=IMAGE:3295688 /clone_end=3'	-1	ATTAATTTTGTCCCTATCAGAATCTCT GAATCCCTAGCAGCGAATCCCTG
6092	db mining	Hs.283266	BE676275	10036816	7f26d04.x1 cDNA, 3' end /clone=IMAGE:3295783 /clone_end=3'	-1	TGCTCACTGTCTTCGGAAGGACAA GCACCTTCTGAAATTCCTAAGCA
6093	Table 3A	Hs.158714	BE676408	10036949	7f29b11.x1 cDNA, 3' end /clone=IMAGE:3296061 /clone_end=3'	-1	CAATCGGATCATTTCTCTCAAGTTGG GCGGCTCTTCTCGCTCTCTCTCT
6094	Table 3A	Hs.220929	BE676472	10037003	cDNA FLJ14369 fls, clone HEMBA1001174, highly similar to ADP- RIBOSYLATION FACTOR-LIKE PROTEIN 5, /cds=(207,740)	-1	TGCTTTGGGCGAGTACGTGAAGCCGA AGTATGAACAGTCCATTTTGTTCT
6095	db mining	Hs.283268	BE676474	10037005	7f30c08.x1 cDNA, 3' end /clone=IMAGE:3296174 /clone_end=3'	-1	CACAGTTGATAGGAGGTCATGAAGA AGAAGAGATGATACCTCTCTACC
6096	db mining	Hs.283269	BE676528	10037069	7f31d12.x1 cDNA, 3' end /clone=IMAGE:3296279 /clone_end=3'	-1	TTTGTTGAGCAAAATGTTCAATATG CTACTTTGTGCCAAATTCAGGCC
6097	Table 3A	Hs.123254	BE676541	10037082	AL572805 cDNA /clone=CSD01034YH06-(3-prime)	-1	TCCAGCATTTGATTTGCTATTGACAC ACAAAGTTTGAAATAAAGGGGCA CACCCACACAGCCAGGATTCACAAA GGGGCCGAAGCGGAGCAAAAGG
6098	db mining	Hs.283505	BE676548	10037089	wh7901.x1 cDNA, 3' end /clone=IMAGE:3296969 /clone_end=3'	-1	TGACTCTGTTTTCAGAGGAAGAAA CAACTGACAAATGATTGATGCA
6099	db mining	Hs.283270	BE676613	10037154	7f33a08.x1 cDNA, 3' end /clone=IMAGE:3296438 /clone_end=3'	-1	ATGTTGAACTGGTTTAACTTGTAAAT GGTGTGGCTGATGTACCCGACCT
6100	db mining	Hs.283271	BE676614	10037155	7f33a10.x1 cDNA, 3' end /clone=IMAGE:3296442 /clone_end=3'	-1	ACACGATTTGAAGTCTACTGTTCTA ATGGGCTCTACTCTCTGCTGCTCA
6101	db mining	Hs.283272	BE676667	10037208	7f34a07.x1 cDNA, 3' end /clone=IMAGE:3296532 /clone_end=3'	-1	

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6102	db mining	Hs.102165	BE676737	10037278	737g03.x1 cDNA, 3' end /clone=IMAGE:3298884 /clone_end=3'	-1	GGAACCTCTGCTTCCACTTACGATGA AGGAACCTGTACTCAATCCATCCA
6103	db mining	Hs.283276	BE676772	10037313	735d05.x1 cDNA, 3' end /clone=IMAGE:3298649 /clone_end=3'	-1	GAAAGCCTTCTGTGGTCAATAACAAGT CTCACACACCCCAAGAGCTGATCT
6104	db mining	Hs.86761	BE738569	10152561	601572850F1 cDNA, 5' end /clone=IMAGE:3639581 /clone_end=5'	-1	GAGTCAGCAGCTTTGAACCTGGCGCT GAATCTGCACTTTACTGCTTTATCA
6105	Table 3A	Hs.293842	BE748663	10162655	601571679F1 cDNA, 5' end /clone=IMAGE:3838675 /clone_end=5'	-1	AAACTCATACATGCAGAAAAATGTCTT TGCTCGAAATGGTAATGCCAAAA
6106	Table 3A	Hs.293842	BE748663	10162655	601571679F1 cDNA, 5' end /clone=IMAGE:3838675 /clone_end=5'	-1	AAACTCATACATGCAGAAAAATGTCTT TGCTCGAAATGGTAATGCCAAAA
6107	Table 3A	Hs.270293	BE857296	10371182	7g27b01.x1 cDNA, 3' end /clone=IMAGE:3307657 /clone_end=3'	-1	ACAAAAGTCATGGCTGTGAGGCTATC ATTACCCCTTTACCAAAAGTGGAA
6108	Table 3A	Hs.156935	BE858152	10373065	complement component 3a receptor 1 (C3AR1), mRNA /cds=(0,1448)	-1	AGTTCTATTCTCATGCCAACTAAGCT ATGTGAAATAGAGAAAGCTACTTTGT
6109	Table 3A	Hs.294348	BE961923	11764299	601655335R1 cDNA, 3' end /clone=IMAGE:3845768 /clone_end=3'	-1	ATCCCAGTGGTGCCCAACCGCTATTAA AGGTTGCTGTTGTCACGATATAA
6110	Table 3A	Hs.5181	BE962588	11765636	proliferation-associated 2G4, 38kD (PA2G4), mRNA /cds=(97,1281)	-1	ATGTGTCATACCCATTAACAATCTCC AGCATATCCCCCTCAAACTCAAAAA
6111	Table 3A	Hs.314941	BE962883	11766238	602381893F1 cDNA, 5' end /clone=IMAGE:4499447 /clone_end=5'	-1	GCCTGATTTTACCTATAGCACCCCCC TCTACCCCTTTTGGAGCCCAAAAA
6112	Table 3A	Hs.301110	BE963194	11769612	601656811R1 cDNA, 3' end /clone=IMAGE:3865731 /clone_end=3'	-1	ACATTTTCTCCGCATAAGCCTCGCT CAGATTAAAAAGCTGAAGTACAA
6113	Table 3A	Hs.330887	BE963374	11766792	601657137R1 cDNA, 3' end /clone=IMAGE:3866193 /clone_end=3'	-1	CCAAAGTGGTTTCAAGCCAAACCCAT GGCCTCGATGACTTTTCCAAAAA
6114	Table 3A	Hs.334926	BE963551	11766970	Homo sapiens, clone MGC:8857 IMAGE:3866265, mRNA, complete cds /cds=(82,133)	-1	TGATCAGGTGAACCGGAAGTCTCCAA TTTCTGATGATGATTTGTTCTAA
6115	Table 3A	Hs.316047	BE963666	11767085	601656685R1 cDNA, 3' end /clone=IMAGE:3865820 /clone_end=3'	-1	TGAGTACGTGACACTTTGTGTAGAAT AGTGGTGTGAAGTATTTCTTGT
6116	Table 3A	Hs.294578	BE963811	11767228	601657462R1 cDNA, 3' end /clone=IMAGE:3875845 /clone_end=3'	-1	GTGACCCCTTGGCACCOCGTAGAAGTT TATGGCCGAGCTTTTACCAATATAA
6117	Table 3A	Hs.302585	BE964028	11767356	601657801R1 cDNA, 3' end /clone=IMAGE:3875617 /clone_end=3'	-1	TGAACCTCAAAGTTTGACCAACCCATG AGACCCCTGTGTATCAAACTTTCT
6118	db mining	Hs.210828	BE964051	11767519	601472729T1 cDNA, 3' end /clone=IMAGE:3875791 /clone_end=3'	-1	CCCTCTACTATTTGGTCCCAATCTTA GGACCTGCCTTTTCCGGTCTCCAG
6119	Table 3A	Hs.330588	BE964134	11767602	801151628F1 cDNA, 5' end /clone=IMAGE:3507774 /clone_end=5'	-1	CCCGTATTTACCCATAGCACCCCCCT CTACCCCTTTAGAGCCCCAAAAA
6120	Table 3A	Hs.252259	BE964149	11767617	ribosomal protein S3 (RPS3), mRNA /cds=(22,753)	-1	CCAACTTTCAGAACAGAGGGTGCGG AAACACAGAGCCCTGATGATGCC
6121	Table 3A	Hs.184052	BE964596	11768078	PP1201 protein (PP1201), mRNA /cds=(75,1010)	-1	GGCGCAAGAACTCAATCCAGCCCAA GGATATAGTTAGATTAATTACTTA
6122	Table 3A	Hs.286754	BE965319	11769559	601659229R1 cDNA, 3' end /clone=IMAGE:3895783 /clone_end=3'	-1	CTGAGATTTGGGTTTCCACACGGG CCAGATACCCGGCCTCTGCTGAG
6123	Table 3A	Hs.297190	BE965554	11770044	601659486R1 cDNA, 3' end /clone=IMAGE:3896204 /clone_end=3'	-1	ATATCATTTCCACTTAGTATTATACCC ACACCCACCCCAAGACAGGGTTT
6124	Table 3A	Hs.108327	BF001438	10701713	damage-specific DNA binding protein 1 (127kD) (DDB1), mRNA /cds=(108,3531)	-1	ACAGCATGAGAAAGCTGTGATACGCA TACTCTGATTTCAACCTTTAGGGA
6125	Table 3A	Hs.161075	BF001821	10702096	7g30g02.x1 cDNA, 3' end /clone=IMAGE:3314086 /clone_end=3'	-1	GCTTGCCCTCAGAGAGTCAATCGAA TAATGGAAAGCTCAACTTCTGTTC
6126	Table 3A	NA	BF056055	10809951	7k07h12.x1 NCL_GAP_G6 cDNA clone IMAGE:3443950 3' similar to contains element L1 repetitive eleme	-1	CACAAATGCTGCCCTCTCTGTGGATGA CTGATGGCAAGAGTCTGAATTGAA
6127	Table 3A	Hs.221695	BF058398	10812294	7k30d01.x1 cDNA, 3' end /clone=IMAGE:3476785 /clone_end=3'	-1	CCTCTCACTCTCAGACTCCAAGGGCC AAGAAAAATACGACAGGAGGCC
6128	db mining	Hs.255664	BF058429	10812325	7k30g11.x1 cDNA, 3' end /clone=IMAGE:3476949 /clone_end=3'	-1	GAGAGAGGGGGTCTCAGACGTTGGG GGACACACTGCTGGGTGGGTGATT
6129	Table 3A	Hs.43857	BF058599	10812495	mRNA for KIAA1247 protein, partial cds /cds=(285,2942)	-1	TAAGAAATCCCAATTTTCAGGAGTGG TGGTGTCAATAAACGCTCTGTGGC
6130	Table 3A	Hs.144583	BF059133	10813029	Homo sapiens, clone IMAGE:3462401, mRNA, partial cds /cds=(0,153)	-1	CGGACGGGTGGCCTGTACAAATTTCA GTTTTCGAGAACTGACGATTT

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6131	db mining	Hs.257697	BF060727	10819637	AL533532 cDNA /clone=CS0DN004YJ14-(5-prime)	-1	GGGGCTCCCTCCCGGCTTGTGTTTC TCTGGAGATTATTTATTTACCTAA
6132	Table 3A	Hs.193237	BF062295	10821193	7k76b11.x1 cDNA, 3' end /clone=IMAGE:3481293 /clone_end=3'	-1	GAAAGTGGAGGAGGTGGACGGGAG GAGACTAGCCAGAGAGGCTCATTAG
6133	Table 3A	Hs.174215	BF062628	10821538	7h62h05.x1 cDNA, 3' end /clone=IMAGE:3320601 /clone_end=3'	-1	CTCTCCCTCTCTGCCCTCTGTGGTC TGATTTAAAGCAAAAGTCGGAT
6134	db mining	Hs.159013	BF063675	10822585	hh82b10.x1 cDNA, 3' end /clone=IMAGE:2969275 /clone_end=3'	-1	GGACTCTCTGAATAGAGCTGGCTCCC TGGGCTGACAACTGTATATGCAAA
6135	Table 3A	Hs.125887	BF109873	10939563	hypothetical protein FLJ14464 (FLJ14464), mRNA /cids=(69,3146)	-1	CTGGGTTGCTGGGAAGATGACGAAG ATGCTGGGCTGGCAGATGCAGTCCA
6136	Table 3A	Hs.288443	BF110312	10940002	7n36d08.x1 cDNA, 3' end /clone=IMAGE:3568654 /clone_end=3'	-1	ACGAGGGCTTAAACCTCAATTATG TTCATGACAGTGGGGATTTTCTT
6137	Table 3A	Hs.250905	BF116224	10985700	hypothetical protein (LOC51234), mRNA /cids=(6,551)	-1	ATTCTCCACCAACAAACAGCACTCT
6138	Table 3A	Hs.318215	BF183507	11061818	60180989R1 cDNA, 3' end /clone=IMAGE:4040470 /clone_end=3'	-1	AAAATCACTTACTTTCTGGCCA GATATAGTCTCCATACCCATTACCA
6139	Table 3A	Hs.165666	BF194880	11081165	602137338F1 cDNA, 5' end /clone=IMAGE:4274048 /clone_end=5'	-1	TGATACTTGTGTTCTTCTCTGCTCA GGTCCCTCATTTGTACTTTGGA
6140	Table 3A	Hs.232257	BF195579	11082811	RST2302 cDNA	-1	TAATACTGAGGGGCTTGAAGAAG CTGTGCTGTTTGTTCACCTGCTTTG
6141	Table 3A	Hs.3353	BF197153	11085769	beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P) (B3GAT1), mRNA /cids=(175,1179)	-1	GTCTTTCCCTCTTCTTCTCCTCACTA TGTAATTTAGTAGTCTCTCAGC
6142	Table 3A	NA	BF197762	11087169	7p9102.x1 NCL_CGAP_Skn1 cDNA clone IMAGE:3653139 3', mRNA sequence	-1	AGGAAGAGCCTGCACCTGTGGTGA ACAATCAGGGAAAGGAAGTCAAAA
6143	Table 3A	Hs.50785	BF221780	11128957	SEC22, vesicle trafficking protein (S. cerevisiae)-like 1 (SEC22L1), mRNA /cids=(119,786)	-1	TTTGAGCTCTTATAGGAGTGGAGAG GGGCAGCTCATTTGAGAGTTGG
6144	Table 3A	Hs.250811	BF432643	11444806	v-ral simian leukemia viral oncogene homolog B (ras related: GTP binding protein) (RALB), mRNA /cids=(170,790)	-1	TGATCTGACTGGAAAACATCTGTGA TCCCTCCCAAAGAAATCATGGGCT
6145	Table 3A	Hs.286358	BF433058	11445221	mRNA; cDNA DKFPZ434M162 (from clone DKFPZ434M162) /cids=UNKNOWN	-1	TCATCCCTTAAACACTCTGTGATGGG ATCTCAGGATCACTTTTGAAGT
6146	Table 3A	Hs.76611	BF433353	11445516	601435773F1 cDNA, 5' end /clone=IMAGE:3920562 /clone_end=5'	-1	TGCGTTTGGTTTAGGAATGTGCTTTT GTACTTCCACTTGAATAAAGGTGT
6147	Table 3A	Hs.178703	BF433657	11445846	AV718627 cDNA, 5' end /clone=DCBBCH05 /clone_end=5'	-1	TGCTCAGGGCAGTGCACACAGACAT TTATCTCTGCACATCATTTTGTG
6148	Table 3A	Hs.222833	BF435098	11447386	7p05g01.x1 cDNA, 3' end /clone=IMAGE:3645097 /clone_end=3'	-1	GGTTTGTCTGACACGCTGTCCCTG GGACCTGTGCTGGAGAGTTGG
6149	Table 3A	Hs.293476	BF435621	11447923	hypothetical protein FKSG44 (FKSG44), mRNA /cids=(126,1520)	-1	CGTTTCTGACATCCGTTGTGCTT AACATTTTGTGCTTGTCTTTGGG
6150	db mining	Hs.257841	BF436704	11448943	7p07d12.x1 cDNA, 3' end /clone=IMAGE:3644999 /clone_end=3'	-1	CTTCTGAATGCCGAGTCTTCTGTT TGTGCTCAACAAAGCCCAATC
6151	Table 3A	Hs.160980	BF437585	11449991	7p74d12.x1 cDNA, 3' end /clone=IMAGE:3651526 /clone_end=3'	-1	TGCTTACAAGGCTGATGACCTTGGC TTACTCTTATGTAAATTTAGTGA
6152	db mining	Hs.258513	BF437915	11450432	AF150421 cDNA /clone=CBNCG12	-1	CTGGCGTATACCAATTTATGAGCCT CTCTCAGGCTAGATAAGCTGGGG
6153	Table 3A	Hs.126594	BF445163	11510224	nad21d12.x1 cDNA, 3' end /clone=IMAGE:3366191 /clone_end=3'	-1	CCCTGTATTATTGAAATGTACGATA ATGACTGGAAGGTGAAATTTGGTC
6154	Table 3A	Hs.174104	BF445405	11510543	601438710F1 cDNA, 5' end /clone=IMAGE:3923643 /clone_end=5'	-1	ACTGCTGTTCBACAATAGATGATAC AAAGCAAGTGATGAGTTGGTATG
6155	Table 3A	Hs.143389	BF446017	11511155	7p18a11.x1 cDNA, 3' end /clone=IMAGE:3646004 /clone_end=3'	-1	TGGAAAGACAAATTCAGACATCATCA GTAAGCTTTTGGGACACAGGGAA
6156	Table 3A	Hs.295726	BF447885	11513023	Integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51) (ITGA), mRNA /cids=(41,3187)	-1	AGTGAACCTGGTACAGTGTCTGCT TGATTTACCAATGTAACTTTGTA
6157	Table 3A	Hs.179526	BF475501	11546328	upregulated by 1,25-dihydroxyvitamin D- 3 (VDU1), mRNA /cids=(221,1398)	-1	GCCAGAAAGTTGGGCTGAAGATGG TTGCTTTCATGTTTGTGTTATATG
6158	Table 3A	Hs.181311	BF478238	11548065	asparaginyl-IRNA synthetase (NARS), mRNA /cids=(73,1719)	-1	TGTCCTCTGACCAAGTGAAGAAT ATACTCTGCTCTTGTACCTGCGT
6159	Table 3A	Hs.179703	BF507849	11591147	tripartite motif protein 14 (TRIM14), mRNA /cids=(10,1230)	-1	CCATTTCCACATGACGCTTCTCTAC CTTCCCTTCAACCAATCAAGTG
6160	Table 3A	Hs.159673	BF508053	11591351	UI-H-B4-asp-b-11-01-Us1 cDNA, 3' end /clone=IMAGE:3088845 /clone_end=3'	-1	ACACCTTCGCTGATGTGAAGAAGAT ATGCTATCCATGCAATCTTGTGCTG

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6161	Table 3A	Hs.158999	BF508694	11591992	UH-B4-aop-f-09-0-ULs1 cDNA, 3' end /clone=IMAGE:3085601 /clone_end=3'	-1	ACGTTGTGTTTGAACCACTTCTGCTTCCTCTCTTAACCTGAGATGCACACGCT
6162	Table 3A	Hs.77542	BF508702	11592000	602629438f1 cDNA, 5' end /clone=IMAGE:4754432 /clone_end=5'	-1	ACATTCTCTCATTTTGTCTGAAGCTGATTTGATTGGGTTGTCTTCTTCTGCG
6163	Table 3A	Hs.127311	BF508731	11592029	AU185774 cDNA /clone=B02302-013	-1	TGACAGCAATGAACCTGAATGAATATCCACCACTATGATGCTAGTAGAGT
6164	Table 3A	Hs.144265	BF509758	11593056	UH-B4-aop-g-04-0-ULs1 cDNA, 3' end /clone=IMAGE:3087390 /clone_end=3'	-1	AAGTACAGATGCCATCCCGGTGCTGTGATCTCCAGGCACTTCTCCATTTCC
6165	Table 3A	Hs.256931	BF510393	11593691	zb02005.s1 cDNA, 3' end /clone=IMAGE:300873 /clone_end=3'	-1	ACTGCCAATCGATTATTTAAATTTCTCCAAGCTTAACTTCTGTGCAACAAACA
6166	Table 3A	Hs.276341	BF510670	11593968	UH-B4-aof-b-08-0-ULs1 cDNA, 3' end /clone=IMAGE:3084615 /clone_end=3'	-1	GCCTTGTTTCTGTTTATGCGCCCTATTTACAAAACGATTCTGACCTGG
6167	Table 3A	Hs.248689	BF512500	11597602	UH-B19-awh-10-0-ULs1 cDNA, 3' end /clone=IMAGE:3069162 /clone_end=3'	-1	AACTGCGATTGCTAGCGCCAGAAAAATGATATTAGTGGACAGATGA
6168	Table 3A	Hs.136375	BF513274	11598453	602544150F1 cDNA, 5' end /clone=IMAGE:4666332 /clone_end=5'	-1	ACACATAGGCTCTTTTATACCTGTGCCTTTACGTTCTGTTCTTCGATTGCA
6169	Table 3A	Hs.300870	BF513602	11598781	mRNA; cDNA DKFZp547M072 (from clone DKFZp547M072) /cds=UNKNOWN	-1	AATACAGATTCAATTTATTAAGCGTCGCTGGACCGCAGGAGCCCGAC
6170	Table 3A	Hs.255340	BF514247	11599426	UH-BW1-ash-b-09-0-ULs1 cDNA, 3' end /clone=IMAGE:3062601 /clone_end=3'	-1	AGTTCATCCCTTTTCAAGCTGTGTTGCTTCTGGCTATTAAACCTGTGA
6171	Table 3A	Hs.283022	BF514341	11599520	triggering receptor expressed on myeloid cells 1 (TREM1), mRNA /cds=(47,751)	-1	GCCTCTTTTCTGTGATCACACAGGGTCAGGAGGATGCTTCTGATAAAGCTG
6172	Table 3A	Hs.83734	BF515538	11600717	syntaxin 4A (placental) (STX4A), mRNA /cds=(66,959)	-1	TGTTAGTGGCCTCTGCATACCTATGGAACCTAGTGATGATATGCAAG
6173	Table 3A	Hs.146065	BF591040	11683364	AL580165 cDNA /clone=CS0J005YB18-(3-prime)	-1	CTGGGGCGTACGAAAAATCATGAAGAACATCTGAAGCTGCTCTTCAAT
6174	Table 3A	Hs.30941	BF592138	11684462	calcium channel, voltage-dependent, beta 2 subunit (CACNB2), mRNA /cds=(501,2318)	-1	TGCCAAGTCAGAGATTTCTGTTATGTAATACAGGACTAGAAATGCCA
6175	Table 3A	Hs.695	BF590336	11975746	cystatin B (stefin B) (CSTB), mRNA /cds=(96,392)	-1	TTGATGCTCTTCTCTAAATTTTCATTGTGTTGATTTCTAATCCTTCCGCT
6176	Table 3A	Hs.142838	BF732404	12057407	nuclear protein interacting with the FHA domain of p16-7 (NIFK), mRNA /cds=(54,935)	-1	AGAGTGAGAAAGGAGTCCAGTCTTTAGCACAGATTGTTTATGTGTCAG
6177	Table 3A	Hs.296317	BF938959	12356279	mRNA for KIAA1789 protein, partial cds /cds=(346,489)	-1	GAACTGACACTGACTGTATCTACCTCTGCTTTCTCATAGSTGTCTCT
6178	Table 3A	Hs.182937	BF939014	12356334	peptidylprolyl isomerase A (cyclophilin A) (PPIA), mRNA /cds=(44,541)	-1	TCCCTGGGTGATACCATCTAAGTGTCTTAATGTACTTGTGGCTCAGACCTG
6179	Table 3A	Hs.26136	BF940103	12357423	hypothetical protein MGC14156 (MGC14156), mRNA /cds=(82,426)	-1	AATTCGAAGGAGTGTATGTTGGAATA GTCCCTCTAAAGGGAGAGAAATGCA
6180	Table 3A	Hs.133372	BF940291	12357811	AF150127 cDNA /clone=CBCBGA01	-1	AGCCCGCTCCACCCACCCAGTACTTTACAAATGTGTTATTAAGACCCCT
6181	Table 3A	Hs.304900	BF980139	12347354	602288147F1 cDNA, 5' end /clone=IMAGE:4373963 /clone_end=5'	-1	CCATCTCTGAGAAAGTGGGGACCAAGTCCATTAATCTCAATAATCAAT
6182	Table 3A	Hs.303214	BG054649	12511438	7c45b01.x1 cDNA, 3' end /clone=IMAGE:3576912 /clone_end=3'	-1	C9TTGGATTTTTCACATTTGTTGGGCA GGACAAGACTGGGGAGAGGAGC
6183	Table 3A	Hs.8258	BG054966	12512220	cDNA FLJ14737 fls, clone NT2RP3002273, weakly similar to SCD6 PROTEIN /cds=(77,1468)	-1	TATGAGTTTATGCGTTTCCAGGCCCTCCGAATCAGCTGGGCGCTTT
6184	Table 3A	Hs.179681	BG056668	12521375	Homo sapiens, tubulin, beta 5, clone MGC-4029 /IMAGE:361788, mRNA, complete cds /cds=(1705,3039)	-1	TTGAAAAGATGACATGCCCCAAGAGCCAAAAATTAATGGGAATGAAA
6185	Table 3A	Hs.56205	BG057282	12522612	Insulin Induced gene 1 (INSIG1), mRNA /cds=(414,1247)	-1	TGCATCTACAGAAATTTGAACATCTGATGAGGTTTCACATTCATTAAGT
6186	Table 3A	Hs.3709	BG057892	12523835	low molecular mass ubiquitinone-binding protein (9.5kD) (QP-C), mRNA /cds=(77,358)	-1	TGGTGATATCTGCTTGAATTTCCCTGTATCTTTGCTGCTCTCAAGT
6187	Table 3A	Hs.5122	BG058599	12525258	602293015F1 cDNA, 5' end /clone=IMAGE:4387778 /clone_end=5'	-1	AGTTGAGACTATCTGTGCGACGAGTTTCTCTACAGTTGTGCATAATGTTT
6188	Table 3A	Hs.89104	BG058739	12525527	602509917F1 cDNA, 5' end /clone=IMAGE:4717348 /clone_end=5'	-1	CCTGGGAGGATGACAAAGAACATGAGTACCCCTGCTGGATAAAGCTAGA
6189	Table 3A	Hs.166982	BG149747	12617777	phosphatidylinositol glycan, class F (PIGF), mRNA /cds=(67,726)	-1	GTGGTTTGGTCAGCATACACACTTCTCATTTGATTGATGACACAGCCA
6190	Table 3A	Hs.100293	BG149866	12662016	O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase) (OGT), mRNA /cds=(2039,4801)	-1	ACCTGGGATTCATTCTCTGCTGAAGAAATAGGAGAAAGACGAGCACTCACT

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6191	Table 3A	Hs.198427	BG150273	12662303	hexokinase 2 (HK2), mRNA /clds=(1490,4243)	-1	GGGTGTGATGAATAGCGAATCATCTC AAATCTCTGAGCACTCAGTGTAGT
6192	Table 3A	Hs.1313610	BG150461	12662491	7k10d08.x1 cDNA, 3' end /clone=IMAGE:3443006 /clone_end=3'	-1	AGCTTTTCAGGACTCGCACTGTGAGA GATAGTCCCGCAAAATATTATTCCA
6193	Table 3A	Hs.184456	BG230563	12725596	hypothetical protein (LOC51249), mRNA /clds=(0,811)	-1	GTGTGAAGTGCAGACGCTTGTGTGTGA TGTTTTCTGCGCTTCCCAAGTTGG
6194	Table 3A	Hs.89104	BG231557	12728664	602590917F1 cDNA, 5' end /clone=IMAGE:4717348 /clone_end=5'	-1	TGTTTTTACAACTCTCTCAACATTT TGTCGAGGTATTACGTGATACCA
6195	Table 3A	Hs.152925	BG231805	12728934	mRNA for KIAA1268 protein, partial clds /clds=(0,3071)	-1	TAAGTGGATTGGCAGACTCCTTGTGTG CTTAGAGTGGCTTCTTAGGACGG
6196	Table 3A	Hs.89104	BG231961	12727100	602590917F1 cDNA, 5' end /clone=IMAGE:4717348 /clone_end=5'	-1	TGTTTTTACAACTCTCTCAACATTT TGTCGAGGTATTACGTGATACCA
6197	Table 3A	Hs.337986	BG235942	12749789	Homo sapiens, clone MGC:17431 IMAGE:2984883, mRNA, complete cds /clds=(1336,1494)	-1	GCCAGCTCTGTATGTGTCTTAATCCCT TGCTCTTGATTAAGGACAAACTA
6198	Table 3A	Hs.3353	BG236015	12749862	beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P) (B3GAT1), mRNA /clds=(175,1179)	-1	GTCTTTCCGCGCTTCTTCTCTCACTA TGTAATTTAGTAGTCTCTCAGC
6199	Table 3A	Hs.75703	BG236084	12749931	small Inducible cytokine A4 (homologous to mouse Mip-1b) (SCYA4), mRNA /clds=(108,386)	-1	GGTCCACTCTCACTCTTCTCTGTGCTG TTGCAATACCTGATGAACACCGT
6200	db mining	Hs.5146	D19756	500072	HUMG500712 cDNA, 3' end /clone=mm0970 /clone_end=3'	-1	CATTACGATTTTATGGGAAGACTTG TCAAGCAGCATGATTAAGTGGTGGA
6201	db mining	Hs.237971	D19770	500086	hypothetical protein MGC5627 (MGC5627), mRNA /clds=(72,584)	-1	ACAGGGGGAAGGACTACATGACAT CCTAGTCGGAAATTTGCTGAACCA
6202	db mining	Hs.30709	D20225	501322	HUMG501189 cDNA, 3' end /clone=pm0880 /clone_end=3'	-1	CTGTGGAAAGCTGACTCCGACGTAA GAGATATCAGCTTGCTTACAGCT
6203	db mining	Hs.30731	D20378	501474	HUMG501352 cDNA, 3' end /clone=pm2943 /clone_end=3'	-1	TGTGTTCTCTGCGTTTATAGAGTTCC CGTAAATACCTCTTCCCTGGC
6204	db mining	NA	D20425	501521	HUMG501399 Human promyelocyte cDNA clone pm1281 3', mRNA sequence	-1	TCTGACCTCCGTGACGTTTATTACCA GCTGATGTCGCGTACACTGATTTC
6205	db mining	Hs.229071	D20458	501554	HUMG501432 cDNA, 3' end /clone=pm1542 /clone_end=3'	-1	GGGAAGGGTACAGCAAGCTTTCTCA CGAATCACTACAGCAGACACAAAG
6206	db mining	Hs.330221	D20485	501561	HUMG501439 cDNA, 3' end /clone=pm2194 /clone_end=3'	-1	ACCACTAAATGGTTACACTACACCAA GACACTAAATGGCAGGAGCGCT
6207	db mining	Hs.92440	D20522	501618	HUMG501487 cDNA, 3' end /clone=pm1507 /clone_end=3'	-1	AAATTCAAATCACCTCTGTATCCACC TTCTTTCTCCCAACCAATCTGAT
6208	db mining	Hs.90155	D20538	501634	HUMG501513 cDNA, 3' end /clone=pm1504 /clone_end=3'	-1	ACCATATCGTGCAAAATGTAATATGG AATTTCCAAACATTAAGGAAGGAT
6209	db mining	Hs.90171	D20572	501668	HUMG501547 cDNA, 3' end /clone=pm1503 /clone_end=3'	-1	AATAAGTACCGTTATATAACACTTCT TTCTCTCTCTGCAAGATGGCAGG
6210	db mining	Hs.30786	D20728	504546	HUMG501703 cDNA, 3' end /clone=mp0664 /clone_end=3'	-1	ACCATCACTTTAGAGAGAGAGAGCT CTTCCGTTGATTTGTGTTATTGG
6211	db mining	Hs.5816	D20846	504666	HUMG501827 cDNA, 3' end /clone=mp0825 /clone_end=3'	-1	TCAAACCGAATCTATAAGTATGA ATAAATATAGAGAAACCAACAGAT C
6212	db mining	Hs.30793	D20898	504708	HUMG501889 cDNA, 3' end /clone=mp0836 /clone_end=3'	-1	AAGGTCTCCATCTAACAGGTAGAGCA GTTGGTGACAGTAGAGTAGGCTGC
6213	Table 3A	Hs.282590	D59502	960608	802626586F1 cDNA, 5' end /clone=IMAGE:4751396 /clone_end=5'	-1	GGTGATGATACCACTCCCAATGAACA GGGAAGCAAGTTCATCAGTCAACA
6214	Table 3A	Hs.119274	F13785	758015	RAS p21 protein activator (GTPase activating protein) 3 (ras(1,3,4,5)P4- binding protein) (GAP1IP4BP), mRNA /clds=(46,2550)	-1	AGCTGTTGGGGGCTGCAGTGAGCTGC AATTTTAACTGAGATTATACCTT
6215	db mining	Hs.238797	H07915	872737	602081661F1 cDNA, 5' end /clone=IMAGE:4245999 /clone_end=5'	-1	AAGGAATTTGTTTCCCTATCCTAACT CAGTAACAGAGGGTTTCTCCGCA
6216	db mining	Hs.11307	H09541	874363	RST28274 cDNA	-1	CGCACACATTTCTGTATGAGCAAAAT CCTGGATTGCGCTTCTGATTGTTGG
6217	Table 3A	Hs.187908	H89141	1030426	EST375312 cDNA	-1	GGTATGAACAGTCTACAGTAAAC AATCAGCAAGTCTTCTCAGAGCT
6218	Table 3A	Hs.117005	H71236	1043052	sialic acid binding II-like lectin 5 (SIGLEC5), mRNA /clds=(142,1797)	-1	TGGAAAGTAGGACTGAAGAAAGAACT TATACCTTCCCTCTGCTCAAAATTGA
6219	Table 3A	NA	H78395	1056484	yf12f03.s1 Soares fetal liver spleen 1NFLS cDNA clone IMAGE:233597 3' similar to contains Alu repeat	-1	TCCTGGGCTATTGGCTTTATGATATC TTTTGAAACAAAGGATTTTCACTT
6220	Table 3A	Hs.38664	H80108	1058197	IL6-MT0152-061100-501-e04 cDNA	-1	ACCTTTTAAAGATGCTTATTTTCCACC CCAATCTTCCACTCCATTTTAGT
6221	Table 3A	NA	H82914	1089242	yf04g03.s1 Soares_pinea1_gland_N3HPG cDNA clone IMAGE:231988 3', mRNA sequence	-1	GAACCTTCAAAAGTCTCACTTTAGT TCCGAAAGAGTCTTTCAGCATCTT
6222	Table 3A	Hs.2210	L40410	703109	thyroid receptor interactor (TRIP3) mRNA, 3' end of cds /clds=(0,458)	-1	GTAATTTGGGCTTCTCAAGCAGATCA CGCAGACAGCGTGTACATTAAGT
6223	Table 3A	Hs.2200	L40557	705359	perforin 1 (preforming protein) (PRF1), mRNA /clds=(0,1667)	-1	CAAGCATATGGCTTCTTCCGAAGCTC ACGTGTTCAACCAAGTCCCAAGCTC

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6224	Table 3A	Hs.198726	M24069	181483	vasoactive intestinal peptide receptor 1 (VIPR1), mRNA /cds=(56,1543)	-1	TCCATATCCATTCTGACGTTGAAC
6225	Table 3A	Hs.132911	N20190	1125145	MR2-OT0079-290500-007-b3 cDNA	-1	ATTGTGACAGTCGCAAGGACTTTGG
6226	Table 3A	Hs.323950	N23307	1137457	zinc finger protein 6 (ZNF6), mRNA /cds=(1265,3361)	-1	AGAGGACACGCTAAGAACGATCA
6227	Table 3A	Hs.32250	N30152	1148672	y081f03.s1 cDNA, 3' end /clone=IMAGE:268157 /clone_end=3'	-1	CCTCAGCTTCCAACTCTGATCCAGG
6228	db mining	Hs.44512	N33584	1153983	yy21f11.s1 cDNA, 3' end /clone=IMAGE:243405 /clone_end=3'	-1	ACAGGATGGAAGCACTTTGATACAG
6229	Table 3A	Hs.3353	N36787	1157929	beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P) (B3GAT1), mRNA /cds=(175,1179)	-1	GCGGCACATGGCTATTGTGACACA
6230	Table 3A	Hs.38218	N39230	1162437	60259389F1 cDNA, 5' end /clone=IMAGE:4693744 /clone_end=5'	-1	AGTTGTGTTTGCTACTTTAGAAGC
6231	Table 3A	Hs.236456	N49836	1191002	602287746T1 cDNA, 3' end /clone=IMAGE:4375067 /clone_end=3'	-1	AAAGAAACGCTGGAAGTACTGGTTTA
6232	Table 3A	Hs.114453	N58052	1201942	601880526F1 cDNA, 5' end /clone=IMAGE:4109119 /clone_end=5'	-1	TTTCAATGAGCAGAGTATGTGT
6233	Table 3A	Hs.334731	N58136	1202026	Homo sapiens, clone IMAGE:3448306, mRNA, partial cds /cds=(0,2353)	-1	CCACCTCTCTCGCAATGATGTAGCA
6234	Table 3A	Hs.205555	N72600	1229704	z46f03.r1 cDNA, 5' end /clone=IMAGE:2916823 /clone_end=5'	-1	TAAGTTAGCAATCGGTTTCTCCAA
6235	Table 3A	Hs.256931	N80578	1243279	zb02d05.s1 cDNA, 3' end /clone=IMAGE:300873 /clone_end=3'	-1	AGGTCGGCTCACTTTGAAAGTTAGT
6236	Table 3A	Hs.303018	N94511	1268220	zb08g04.s1 cDNA, 3' end /clone=IMAGE:309942 /clone_end=3'	-1	ACCAATTTCTGACTGCTAACTTG
6237	db mining	Hs.118984	NM_017660	8923093	hypothetical protein FLJ20085 (FLJ20085), mRNA /cds=(62,655)	-1	CAGAATGAATCTGTTATAAGGAA
6238	Table 3A	Hs.11594	R12665	765741	yf40a04.s1 cDNA, 3' end /clone=IMAGE:125294 /clone_end=3'	-1	CTGTTCGAAAGTTGGAGACTGCTGT
6239	db mining	Hs.108082	R40823	821181	60208398F1 cDNA, 5' end /clone=IMAGE:4078792 /clone_end=5'	-1	ACCCAGGTTGATGCTCAATGTGTT
6240	db mining	Hs.94881	R50838	812740	602387588F1 cDNA, 5' end /clone=IMAGE:4516388 /clone_end=5'	-1	CCACCTTGAGCGCTCTTCTGCTGTG
6241	Table 3A	Hs.94881	R50838	812740	602387588F1 cDNA, 5' end /clone=IMAGE:4516388 /clone_end=5'	-1	GTGTGTCAGCAATCTTCAACACAT
6242	RG housekeeping genes	Hs.92004	R52541	814443	HSU55967 cDNA /clone=39883	-1	ACCAATCAATTCAGAGCACTTTTAC
6243	RG housekeeping genes	Hs.26768	R60313	831008	602270716F1 cDNA, 5' end /clone=IMAGE:4359027 /clone_end=5'	-1	ATGCATTAAACGAGGGCTACAAC
6244	db mining	Hs.330530	T25714	563034	ESTDIR309 cDNA, 3' end /clone=CCDIRX9 /clone_end=3'	-1	ACAAATGATTTACAAAGCCATCTTAC
6245	db mining	NA	T25727	583047	ESTDIRX51 CD34+DIRECTIONAL cDNA clone CDDIRX51 3', mRNA sequence	-1	TGACTGTACTCTGGAATGCAGCG
6246	db mining	Hs.7569	T26893	567784	ESTDIR465 cDNA, 3' end /clone=CCDIR465 /clone_end=3'	-1	ACCCAGCACTCTCAGGACCACCTGAA
6247	db mining	Hs.172822	T26903	567794	ESTDIR551 cDNA, 3' end /clone=CCDIR551 /clone_end=3'	-1	GCGTGGCTCTGCAAAATTTAAAGT
6248	Table 3A	Hs.185675	T98171	747516	QV2-EN0098-010201-603-a05 cDNA	-1	TGCTTTTAAATTTATTACATCGCG
6249	Table 3A	Hs.58066	W72392	1382348	602389077F1 cDNA, 5' end /clone=IMAGE:4517875 /clone_end=5'	-1	AGCTGATTTATCTATTCTATGTGTC
6250	Table 3A	NA	W96427	1400194	zh61c11.s1 Soares_fetal_liver_spleen_1NFLS_S1 cDNA clone IMAGE:416564 3', mRNA sequence	-1	CTTGAAGCTGTTGTTGGCTGTGA
6251	Table 1	NA	AA136584	1697794	zn95b02.s1 Stratagene fetal retina 937202 cDNA clone IMAGE:585899 3', mRNA sequence	-1	CGTTCCCAATGCTAGACTGTG
6252	Table 1	NA	AA431959	2116667	zw77s03.s1 Soares_testis_NHT cDNA clone IMAGE:782188 3', mRNA sequence	-1	CTCATCACTCTCTGAGCTCAGCACC
6253	Table 1	NA	AA482019	2209697	zu98e04.s1 NCI_CGAP_GCB1 cDNA clone IMAGE:746046 3', mRNA sequence	-1	TAACCTCCACACACTCCAGTA
6254	Table 1	NA	AA524720	2265648	ng42e03.s1 NCI_CGAP_Co3 cDNA clone IMAGE:937468 3', mRNA sequence	-1	TGAGTATTGTTGGGGGCGGGTAT

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6255	Table 1	Hs.57787	AA588755	2402486	602381381F1 cDNA, 5' end /clone=IMAGE:4498845 /clone_end=5'	-1	AGGTTGTATCATGAGTGGACAAAATTA AATCCATCTTGAAGACTTACACACA
6256	Table 1	NA	AA626833	2541220	af37g04.s1 Soares_total_fetus_Nb2HF8_9w cDNA clone IMAGE:1033878 3', mRNA sequence	-1	GACTCGTTACGCCGATGTTTGTCTCTA TCTTTGTATCAAAATGAATTCGT
6257	Table 2	Hs.180669	AA633203	2550617	OS-4 protein (OS-4) mRNA, complete cds /cds=(305,1156)	-1	AGAGCTATGGGTGCTACAGCGTTGCTC TTTCTAATGGACATATTTCTATCT
6258	Table 1	Hs.239489	AA639796	2563575	TI1A cytotoxic granule-associated RNA- binding protein (TI1A), transcript variant 2, mRNA /cds=(185,1345)	-1	ACCTTTAATACACAGGCCCGAGAA GACAGCTCGAGTGATATATCTCT
6259	Table 1	Hs.29282	AA748714	2788672	mitogen-activated protein kinase kinase kinase 3 (MAP3K3), mRNA /cds=(83,1963)	-1	AGCTCCTCCCTCTCAACACCCAGTTT CCTTGGAGATGTGATTAAGGAA
6260	Table 1	Hs.111554	AA806222	2874972	ADP-ribosylation factor-like 7 (ARL7), mRNA /cds=(14,592)	-1	GCTGTAATTCCTGCTCATCATCCTT CTCTTTTGTTCATGATGCTTT
6261	Table 1	NA	AA806766	2875516	0851404.s1 NCI_CGAP_GCB1 cDNA clone IMAGE:1336727 3', mRNA sequence	-1	TCGCTTTTAACTGATTTGCTTCCAC CATGTCAGATATCTCTGCCGTGCT
6262	Table 1	Hs.226755	AA909983	3049273	RC1-UT0033-250800-022-h02 cDNA	-1	ATCCAGGACGTTTAATTCGCGCATCGA GAATGGTGATTAACCAATTTCTCCC
6263	Table 1	Hs.50252	AA984245	3162770	mitochondrial ribosomal protein L32 (MRPL32), mRNA /cds=(46,612)	-1	TCAGCCCACTGAATCTGGTATCTTT ACTTAACACAGGAGCTGTGATTA
6264	Table 1	Hs.53542	A1084224	3422647	chores-achanthocytosis (CHAC) mRNA, complete cds /cds=(260,8784)	-1	TCAATAGTTGTGAAATTTCTTCAGG CTCTTAAACCTCGCTTTGTTGT
6265	Table 1	Hs.135167	A1091533	3430592	AV712376 cDNA, 5' end /clone=DCAAND12 /clone_end=5'	-1	AGAGGCAACACTTAACACTAGGGCT ACTGTGGACTCTATGTAGACAGGA
6266	Table 1	Hs.11637	A1275205	3897479	602388093F1 cDNA, 5' end /clone=IMAGE:4517086 /clone_end=5'	-1	TGACTTTTCAGGAATGTCAGGATGAC CTCTCCTTGCACTGTACTACGC
6267	Table 1	Hs.8724	A1298509	3958245	serine threonine protein kinase (NDR), mRNA /cds=(595,1992)	-1	TCTCAAGAGAGAAAGCCACAGCAGA GAGACCAATCCGGCTTAAGTTGCGAG
6268	Table 1	Hs.142838	A1299573	3959158	nuclear protein interacting with the FXA domain of pki-67 (NIFK), mRNA /cds=(54,935)	-1	AGAGTGAGGAAGCAGCTTCGATTTTA GCACAGATTTTGTGTGTGTTGAG
6269	Table 1	Hs.100555	A1352690	4089896	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 18 (Myc-regulated) (DDX18), mRNA /cds=(71,2083)	-1	GGGGTAGGAAGAGGATGGAATTGAG ATGTTTGCAATTTGATTCATCAAT
6270	Table 1	Hs.108124	A1362793	4114414	cDNA: FLJ23088 fs, clone LNC07026 /cds=UNKNOWN	-1	GCTCGCTACCGAAATCCTACCGATA AGCCCATCTGCTACCTAAACCTAC
6271	Table 1	Hs.134342	A1363001	4114622	mRNA for LanC-like protein 2 (lanc2 gene) /cds=(185,1538)	-1	GACGCGGACACACTTGAGTGACAG CGACCTCTTCTTACAGAGTTTCCC
6272	Table 1	Hs.192427	A1380016	4189889	02296277F1 cDNA, 5' end /clone=IMAGE:4390770 /clone_end=5'	-1	ACTTCCTCTTCTGATCTGCTGAGT ATAATGACACAAAATCTCACTGC
6273	Table 2	Hs.158976	A1380390	4190243	UI-H-B12-ah1-a-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2726692 /clone_end=3'	-1	GTCCTTTTGATGACACAAAGAGGCT CTGTGATCCTCTGGACCTCAGATT
6274	Table 1	NA	A1392705	4222252	lg23b03.x1 NCI_CGAP_CLL1 cDNA clone IMAGE:2109581 3', mRNA sequence	-1	TGCAAGGCTCATTGTGCTCTCTCTCT GGGTTTCAATTTGGAATTCAGTCCT
6275	Table 1	Hs.78239	A1393970	4223517	hypothetical protein FLJ20986 (FLJ20986), mRNA /cds=(81,680)	-1	GAGGACCTGGGACCGTGATTCACATA ACCGGAACCTCGGCTTCTGGCGCC
6276	Table 1	Hs.79968	A1419082	4265013	splicing factor 30, survival of motor neuron-related (SPF30), mRNA /cds=(0,716)	-1	GGATGTGTGATTTTATATGGGAGAA CAAAAGAGCTGATGTATAGCCCTCT
6277	Table 1	Hs.121973	A1458739	4311318	602428025F1 cDNA, 5' end /clone=IMAGE:4547239 /clone_end=5'	-1	CCTGCACAGCAGTAAGGCCAAGCCAA ACTTACCGTGGACTCAAACTTTTG
6278	Table 1	Hs.342008	A1498316	4390298	UI-H-B11-aq-b-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:2720186 /clone_end=3'	-1	GCCAGAAATGGTACAGAGTCGAGGGT GTCTCGATTAAGTATCAGAGAGT
6279	Table 1	Hs.194054	A1523854	4437989	HA0669 cDNA	-1	GACAAATAGTTACTTATGCTTTCTCT CTGGCAACCGCAATGTACGACAGG
6280	Table 1	Hs.14623	A1571519	4534893	interferon, gamma-inducible protein 30 (IFI30), mRNA /cds=(40,951)	-1	AAGCCAGATACACAAATTCACACC CATGATCAAGAACTCTGCTCACT
6281	Table 1	Hs.278554	A1627495	4664295	chromobox homolog 3 (Drosophila HP1 gamma) (CBX3), mRNA /cds=(111,662)	-1	TGCTGAAATGGTCCCAAGGGGTA CTAGTTTATGCTCCCAACTCCCC
6282	Table 1	Hs.17132	A1633798	4685128	602326676F1 cDNA, 5' end /clone=IMAGE:4427970 /clone_end=5'	-1	GCAACTGTTTCTAGGACATGTTTAC TAGAACACTACTTAAGTATGCTGTC
6283	Table 1	Hs.4283	A1651212	4735191	602621616F1 cDNA, 5' end /clone=IMAGE:4755315 /clone_end=5'	-1	ACAGTGTCTTGGAGCTGCTAGACCT GTTTCTGTGTTGGTAATTTGCTCT
6284	Table 1	Hs.324507	A1678099	4888281	hypothetical protein FLJ20986 (FLJ20986), mRNA /cds=(182,2056)	-1	CGCCAGAGGTCAGACATGTCTTATTT TGAATTTGATGCTTCAAAATGAGC
6285	Table 1	Hs.90744	A1684022	4895316	proteasome (prosome, macropain) 26S subunit, non-ATPase, 11 (PSMD11), mRNA /cds=(0,1268)	-1	TTCTGACACGATTACACACGAGGCT TTAATGCCATTTGGGTAGGTGAGC

Table 8

6286	Table 1	NA	A1688560	4899854	wd39f08.x1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:2330535 3', mRNA sequence	-1	ACTGAAAAAGTTGAAAGACTTTTGCGAG TGAACATTATAAATCCCGCGCT
6287	Table 1	Hs.177708	A1697756	4985656	602362910F1 cDNA, 5' end /clone=IMAGE:4477370 /clone_end=5'	-1	TGGTTCCTGTGCTCACCATAGGGCTG GTGATCATTTGGCGCATTAATAAC
6288	Table 1	Hs.80887	A1701165	4999065	y-yes-1 Yamaguchi sarcoma viral related oncogene homolog (LYN), mRNA /cds=(297,1835)	-1	TCTGGGAAAGACATCTTTTAAGCTGCT GACTTCACCTGCACAAATCTAACAG
6289	Table 1	Hs.299883	A1742850	5111138	hypothetical protein FLJ23399 (FLJ23399), mRNA /cds=(282,1769)	-1	TGTTTACCTCACTGTTGGACATACAT TCCAGCTTTTCAACTCTAGGAC
6290	Table 1	Hs.14373	A1760353	5176020	yc26h11.r1 cDNA, 5' end /clone=IMAGE:262917 /clone_end=5'	-1	TTTATCTCAGAACTCTTGATGAACCTG AATGACCCCTGATGGGGGCATG
6291	Table 1	Hs.36137	A1765153	5231662	hepatocyte nuclear factor 3, gamma (HNF3G), mRNA /cds=(0,1043)	-1	CCGGGAAGAGGGTACTGGCTGTGT TTAATCATTAAGGTCACCTGTCCG
6292	Table 1	Hs.195175	A1802547	5368019	mRNA for CASH alpha protein /cds=(481,1923)	-1	AGCCCTTTCTGTCTGGCTGATGTTTA GATGCTTTCCAATCTTTTGTACT
6293	Table 1	Hs.25648	A1803065	5368537	tumor necrosis factor receptor superfamily, member 5 (TNFRSF5), mRNA /cds=(47,880)	-1	GGGTATGTTGTTGATTAATCCACCA GACCTTCGCATCAGCAGATTTGGT
6294	Table 1	NA	A1807278	5393844	wd38h03.x1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:2357909 3', mRNA sequence	-1	CTCTACCATAAGGCACATACAGAGAC TGCTACTGGAGTGATATTTTGTT
6295	Table 1	Hs.220850	A1806067	5554656	ym19d11.r1 cDNA, 5' end /clone=IMAGE:198238 /clone_end=5'	-1	TGGGGACCTTTGAAACCTTCACAGGC CCACCTGCTCTTGCTGAATAA
6296	Table 1	Hs.23098	A1884671	5598935	602254146F1 cDNA, 5' end /clone=IMAGE:4346626 /clone_end=5'	-1	TGGCGACGATTAAGAGCACTTGT TTTGCTACTTTGCATATCATTTGCG
6297	Table 1	Hs.179391	A1817642	5637497	wi52d11.x1 cDNA, 3' end /clone=IMAGE:2383877 /clone_end=3'	-1	GCAGGAAAGATGGGTTGGTGACGT TTTTGGCTCACTTTTGTGTTGAA
6298	Table 1	Hs.180446	A1948513	5740823	importin beta subunit mRNA, complete cds /cds=(337,2967)	-1	CAGGGTATCAGATATTGTGCGCTTTTG GTGCCAGGTTCAGAGCTCAAGTGCC
6299	Table 1	Hs.7557	AL042081	5421426	FK506-binding protein 5 (FKBP5), mRNA /cds=(153,1526)	-1	AGGCTCGATAGTATTGCCAAGTCAG CATATGAGCAATTAAGACATGCT
6300	Table 1	Hs.39911	AL138429	6855110	mRNA for FLJ00089 protein, partial cds /cds=(62,1111)	-1	TTAAGAACCCCAAGAAATTAAGGAAA CAATGTTAGGCGCTTTGTGGAGGA
6301	Table 1	Hs.13144	AL521097	12784590	HSPC160 protein (HSPC160), mRNA /cds=(53,514)	-1	GATACACTGTGCCGCCGCGGCTCCAG GCCCTAGGCTTTTACTCTAGCTAC
6302	Table 1	Hs.28670	AL540260	12870241	AL540260 cDNA /clone=C50DF032YF03-(3-prime)	-1	ACTCAGGTTGGTGTGTTGTAGTGAT GCTGGAGAGAGAAATTAATCTGCT
6303	Table 1	Hs.183232	AL581892	12909772	hypothetical protein FLJ22638 (FLJ22638), mRNA /cds=(12,476)	-1	AAACACAGCCGCCACCCATTTCAAGCC GCCTTCTCGAGGAGAAATGACAG
6304	Table 1	Hs.5057	AL578975	12943566	AL578975 cDNA /clone=C50DK012YN01-(3-prime)	-1	TTGGCCGCTGCTGATGATGCTTTTA TCTTTGGTACTTTTACTTGATGAG
6305	Table 1	Hs.198298	AL582354	12950255	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2 (SMARCA2), mRNA /cds=(287,5015)	-1	AGCCTGAGCCAAATAAATTCACGTA ATTTGGAAGATGGGTGTGGCAA
6306	Table 1	Hs.101370	AL583391	12952309	AL583391 cDNA /clone=C50DL012YA12-(3-prime)	-1	AGGACCTTGACAAAGCCGTTTGAGATG GAATGTAGGCCCTGATGTTATGCT
6307	Table 1	Hs.38218	AV659358	9980372	602569369F1 cDNA, 5' end /clone=IMAGE:4693744 /clone_end=5'	-1	TGTAAGTTGCTTTGAAAGGCTCTG GAAACACTGAGCATTTAGCTGGTCC
6308	Table 1	Hs.301704	AW002985	5849991	eomesodermin (Xenopus laevis) homolog (EOMES), mRNA /cds=(0,2060)	-1	AACAAGGCATTTGTCACCTAGTCAG GATTGCTCACTTGAGACATGCTA
6309	Table 1	NA	AW027160	5885916	w12b08.x1 Soares_thymus_NHFT cDNA clone IMAGE:2512983 3' similar to contains Alu repetitive element	-1	ACCGCCAAGCCCAATCATCCACTTTC AGTACTAGCAAGATAAAGTCTCCA
6310	Table 1	Hs.89433	AW071894	6026892	ATP-binding cassette, sub-family C (CFTR/MRP), member 1 (ABCC1), transcript variant 1, mRNA /cds=(196,4791)	-1	TTTGGGGGCTCTTTTGTATGACACT ACACCTGGAATGCGAATTTGCA
6311	Table 1	Hs.335449	AW136717	6140850	UI-H-B1-adm-a-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2717092 /clone_end=3'	-1	TTCTGGCCTGTGTCACCTAGAAACGC TATTTCCTGTGTATGTGCTGCG
6312	Table 1	Hs.12035	AW137149	6141282	602122419F1 cDNA, 5' end /clone=IMAGE:4279300 /clone_end=5'	-1	GGGTTCACATTTGAGTCTCTGACCTG CTGGGAAGAAATAAATACGTGT
6313	Table 1	Hs.337727	AW161820	6300853	au70h03.x1 cDNA, 3' end /clone=IMAGE:2781653 /clone_end=3'	-1	TGTGGGCTTGTGTAATAACCTCACTT GTGATTTGCTAAAGCAGCAGATGT
6314	Table 1	Hs.81248	AW166442	6397957	CUG triplet repeat, RNA-binding protein 1 (CUGBP1), mRNA /cds=(137,1585)	-1	ACTGGCAATGAGGCATCACTGGCTTG CAGGACATCTCTGATTCAAGTACA
6315	Table 1	Hs.166975	AW293159	6699795	splicing factor, arginine/serine-rich 5 (SFRS5), mRNA /cds=(218,541)	-1	CTCCCATCATTCCTCCGGAAGGCCA TTTTGTTCAGTTGCTGCTACACGC
6316	Table 1	Hs.328348	AW338115	6834741	tp39g05.x1 cDNA, 3' end /clone=IMAGE:2190200 /clone_end=3'	-1	GGCGTTCCCATTTGACGAGCTTTGACC CTGCTTTGATTAAGGAAGTGGC

Table 8

6317	Table 1	Hs.337986	AW440517	6975823	Homo sapiens, clone MGC:17431 IMAGE:2948883, mRNA, complete cds /cds=(1336,1494)	-1	GCCAGCTCTCTATGTGTCTTAATCCCT TGCTCCTCAATAAAGCAAACTA
6318	Table 1	Hs.250	AW444632	6986394	xanthine dehydrogenase (XDH), mRNA /cds=(81,4082)	-1	TGCAATGAGGACGTTGGGGTAAGGTT AAATCTCTCAACGCTCTTTGAATCA
6319	Table 2	Hs.335815	AW444812	6986574	UI-H-B3- α -d-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2733380 /clone_end=3'	-1	TGGCAACTTCAACTCTCTTGATGGGGA TAATCTCTGGTATGAATGATGACC
6320	Table 1	Hs.342873	AW451293	6992069	RC3-HT0230-130100-014-g06 cDNA	-1	TGCTTGGGAAATTTGGTTGTAAACCT TAAATAGCCCTTATTTCTTGGGA
6321	Table 1	Hs.342735	AW452096	6992953	UI-H-B3- α -d-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:3068186 /clone_end=3'	-1	CTTCTGCGCTGAAGCTGCCCCATGTA CTCCTCTCTTTGTGAAAGATG
6322	Table 1	Hs.80618	AW510795	7148873	hypothetical protein (FLJ20015), mRNA /cds=(31,522)	-1	ACCCAGTTTGTGCATAGTTCATGATC CTCTATAAAACGAGCTTTGTGGA
6323	Table 1	Hs.259842	AW614193	7319379	cDNA FLJ11025 fs, clone PLAC103958, moderately similar to 5'-AMP-ACTIVATED PROTEIN KINASE, GAMMA-1 SUBUNIT /cds=(159,1145)	-1	ACACCATTTACGGCTGGTATCAGAGA CAGCTTCTCTTATATCCAGCA
6324	Table 1	Hs.334437	AW778778	7793371	hypothetical protein MGC4248 (MGC4248), mRNA /cds=(70,720)	-1	TGGCATAATGTTGGATTGAATCTACA TTTTGGCAGAAGTTAAACATCTCC
6325	Table 1	Hs.151393	AW778854	7793457	glutamate-cysteine ligase, catalytic subunit (GCLC), mRNA /cds=(92,2005)	-1	AGAAATGCCCTGTTTCTGTTTGGCAAT TGCTGTGTAAATCAGGTTGTAA
6326	Table 1	Hs.120243	BE044364	8361417	gamma-parvin (PARVG), mRNA /cds=(0,995)	-1	ATCGTTGGATTATCTTTGAACCCCTCT TGTGTGATCATTTTGAAGCCGCT
6327	Table 1	Hs.5734	BE218938	8906256	meningioma expressed antigen 5 (hyaluronidase) (MGEA5), mRNA /cds=(395,3145)	-1	ATACAGGTTCCATCCAGAAAGCATT CAGTCAGAGCAAGTTAAAGTCAGT
6328	Table 1	Hs.167988	BE222301	8909619	neural cell adhesion molecule 1 (NCAM1), mRNA /cds=(201,2747)	-1	AAGTTGCTCCTGTGCTAAAGCAAGCGT GGGATGATCTCACTACCTCTAGG
6329	Table 1	Hs.27774	BE348809	9260662	60238684F1 cDNA, 5' end /clone=IMAGE:4515730 /clone_end=5'	-1	AGCTAGTGATGTTTGTCCAAAGGAA GATTCTGCACAGAGCTTGACAGA
6330	Table 1	NA	BE348955	9260808	hs91h01.x1 NCL CGAP_Kid13 cDNA clone IMAGE:3144625_3', mRNA sequence	-1	ACACAGACATATTGACCGCACACAACT AGCTAAATGGACTGACTTGAGAAA
6331	Table 1	Hs.56156	BE349148	9261087	601463367F1 cDNA, 5' end /clone=IMAGE:3866512 /clone_end=5'	-1	TGTTCTCTGATTTGGTAAATGACCACT TGATATGTCATTAATAAGTCCCA
6332	Table 1	Hs.127428	BE466500	9512198	Homo sapiens, Similar to homeo box A9, clone MGC:19648 IMAGE:2987818, mRNA, complete cds /cds=(62,880)	-1	GCGCTACTGACCAAAATTTTGTGTG AGATGATATTTAACTTTTGGCAA
6333	Table 1	Hs.122575	BE502246	9704654	endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 4 (EDG4), mRNA /cds=(6,1061)	-1	CGATAGAATTGAAGCATCCACGGG GAGGGGATGATCAAGAGGTAAC
6334	Table 1	Hs.197766	BE502992	9705400	clone 23932 mRNA sequence /cds=UNKNOWN	-1	CTCAACGAAATTTGGCAGGCCATTT GCGTGGTTTCTCTGATGAAGTTCC
6335	Table 1	Hs.61426	BE550944	9792636	60239933F1 cDNA, 5' end /clone=IMAGE:4431248 /clone_end=5'	-1	GCACATGACAGTAGTAAGGAGGTTTGG GTAAATATAGATGAGGATGCTTAT
6336	Table 1	Hs.122655	BE551867	9793559	hypothetical protein MGC14425 (MGC14425), mRNA /cds=(318,686)	-1	ACACGAGAACCGTTTACCCACAGCT CTGCCCGCGTCTTACCCGCATAG
6337	Table 1	Hs.4310	BE514297	9895894	eukaryotic translation initiation factor 1A (EIF1A), mRNA /cds=(207,841)	-1	ACAACTCAGTGAGAAAGATGCTCCCA GTTTCTGAAGATAACGCACGCTGA
6338	Table 1	Hs.341573	BE564670	9970781	tc38c11.x1 cDNA, 3' end /clone=IMAGE:2066900 /clone_end=3'	-1	AAAAACCTCCACTTAAAGCAGGAGAA GATGGCAATTCTAAATAGCAGCTA
6339	Table 1	Hs.88845	BE674685	10035307	AV733781 cDNA, 5' end /clone=cdAASF08 /clone_end=5'	-1	CGCGGCTCGTGAGACGCTGATAACTT AGGCTTGAAATATGACTTGTCT
6340	Table 1	Hs.181015	BE676054	10036595	signal transducer and activator of transcription 6, interleukin-4 induced (STAT6), mRNA /cds=(165,2708)	-1	ATCCATCTCCCTCTCAAGCGAGGG GTCATAGATCTTAAGCATAAAT
6341	Table 1	Hs.108327	BF001438	10701713	damage-specific DNA binding protein 1 (127kD) (DDB1), mRNA /cds=(109,3531)	-1	ACAGCATGAGAAAGCTTGATACGCA TACCTCAGTTCAACCTTATAGGA
6342	Table 1	NA	BF056055	10809951	7k07h12.x1 NCL CGAP_GC6 cDNA clone IMAGE:3443950_3' similar to contains element L1 repetitive element mRNA for KIAA1247 protein, partial cds /cds=(285,2942)	-1	CACAATCTCGCTCCTCTGTGGATGA CTGATGGGAAGAGTCTGAATTTGAA
6343	Table 1	Hs.43857	BF058999	10812495	mRNA for KIAA1247 protein, partial cds /cds=(285,2942)	-1	TAGAATAATCCCAATTTTCAGGAGTGG TGGTGTCAATAAACGCTGTGCG
6344	Table 1	Hs.144583	BF059133	10813029	Homo sapiens, clone IMAGE:3462401, mRNA, partial cds /cds=(0,153)	-1	CGGACAGGCTGAGCTGTACAAATTTCA GTTTTCGGAGCAATTCAGGATAT
6345	Table 1	Hs.144519	BF061421	10820331	T-cell leukemia/lymphoma 6 (TCL6), transcript variant TCE6a2, mRNA /cds=(1767,2192)	-1	GCTGGAGGAGAGGCACTGGGGAAT TTTCTGCTGGAATCACTGAAGTAC

Table 8

6346	Table 1	Hs.95666	BF194880	11081165	602137338F1 cDNA, 5' end /clone=IMAGE:4274048 /clone_end=5'	-1	TGATACCTTTGGTCTCTTCTGCTCA GGTCCCTCATTTGTACTTTTGA
6347	Table 1	Hs.111583	BF197608	11088855	602365742F1 cDNA, 5' end /clone=IMAGE:4473923 /clone_end=5'	-1	ACTGCCAGTGAAGACTGTAAAGACAG AACACACTATTTTGGAGGGAGGAT
6348	Table 2	NA	BF197762	11087169	7p91102.x1 NCI_CGAP_Skn1 cDNA clone IMAGE:3653139.3, mRNA sequence	-1	AGGAAGAGCCTGCACCTGTGGTGGA ACAATCAGGAAAGAAAGCTCAAA
6349	Table 2	Hs.50785	BF221780	11128957	SEC22, vesicle trafficking protein (S. cerevisiae)-like 1 (SEC22L1), mRNA /cds=(119,766)	-1	TTTGAGGACTTCTATAGGAGTGAGAG GGGCAGCTCATGTTTGAGAGTTGC
6350	Table 1	Hs.250811	BF432643	11444806	V-rat simian leukemia viral oncogene homolog B (ras related, GTP binding protein) (RALB), mRNA /cds=(170,790)	-1	TGATCTGACTGGAAAACAATCCTGTG TCCCTCCCAAAGATCATGGCT
6351	Table 1	Hs.293476	BF435621	11447923	hypothetical protein FKSG44 (FKSG44), mRNA /cds=(126,1620)	-1	CGTTTCTGAGCATCCGTTGTGCCTT AACATTTTCTGCTTGTCTTGTGG
6352	Table 1	Hs.174104	BF445405	11510543	601438710F1 cDNA, 5' end /clone=IMAGE:3923643 /clone_end=5'	-1	ACTGCTGTTCATGAATAGATGATAC AAAGCAAGTGATGAGGTTGTGTATG
6353	Table 1	Hs.295726	BF447885	11513023	integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51) (ITGAV), mRNA /cds=(41,3187)	-1	AGTGAAACCTGGCTAGCATGTTCTGCT TGATTTACACATGATCTTGTGA
6354	Table 1	Hs.161311	BF478236	11549085	asparaginyl-tRNA synthetase (NARS), mRNA /cds=(73,1719)	-1	TGTCCTCTGAACCTGAGTGAAGAAAT ATACCTCTGCTTGTGACTGGCT
6355	Table 1	Hs.179703	BF507849	11591147	tripartite motif protein 14 (TRIM14), mRNA /cds=(10,1230)	-1	CCATTTCCACTACATGCCCTTCTCTAC CTTCCCTTCACCAACAATCAAGTG
6356	Table 1	Hs.300870	BF513602	11598781	mRNA; cDNA DKFZp547M072 (from clone DKFZp547M072) /cds=UNKNOWN	-1	AATACAGATCATGTTATTAAAGCGTC CGTGGCAGCCAGAGGACCCAGC
6357	Table 1	Hs.283022	BF514341	11599520	trypsin receptor expressed on myeloid cells 1 (TREM1), mRNA /cds=(47,751)	-1	GCCTCTTTTCTGTATCACACAAGGG TCAGGGATGGTGAGTAAAGCTC
6358	Table 1	Hs.148065	BF591040	11683364	AL580185 cDNA /clone=CSOD.J005YB18-(3-prime)	-1	CTGGGGCCGTGACAAAATATGAGAAA AACACTTCAACGTGTCTTCTCAAT
6359	Table 1	Hs.170577	BF725383	12041294	602574255F1 cDNA, 5' end /clone=IMAGE:4702644 /clone_end=5'	-1	CAGACCTCTGGGCGTATTCACAGAT GAGAGTTGAGATTTTGTGTGCATCA
6360	Table 1	Hs.104640	BF726114	12042025	HIV-1 inducer of short transcripts binding protein (FBI1), mRNA /cds=(0,1784)	-1	AAGGCAACCAACCAATAGAAGGCTG TGGCACTTGTATACGGAACGGGTA
6361	Table 1	Hs.296317	BF938959	12356279	mRNA for KIAA1789 protein, partial cds /cds=(3496,4899)	-1	GAACTGACACTGACTGTATCACTCT TCCTTTTCTTCACTAGGCTGTCTCT
6362	Table 1	Hs.26138	BF940103	12357423	hypothetical protein MGC14156 (MGC14156), mRNA /cds=(82,426)	-1	AATTCACAAAGGAGTGATGTGGAATA GTCCCTCTAAGGAGAGAGAAATGCA
6363	Table 1	Hs.133372	BF940291	12357611	AF150127 cDNA /clone=CBCBGA01	-1	AGGCCCTCCACCCACCAAGTCACTT. TACAAATGTGTATTAAAGACCCCT
6364	Table 1	Hs.304900	BF980139	12347354	602286147F1 cDNA, 5' end /clone=IMAGE:4373963 /clone_end=5'	-1	CCATCTCTGAGAAATGATGGCCACAA GTCCATAATCTCGATAATGTCAT
6365	Table 1	Hs.6258	BG054968	12512220	cDNA FLJ14737 fs, clone NT2RP3002273, weakly similar to SCD8 PROTEIN /cds=(77,1496)	-1	TATGAGTTTATGCGTTTCCGAGCCC TCCGAATCACTGACTGGGCGCTT
6366	Table 1	Hs.5122	BG058599	12525258	602293015F1 cDNA, 5' end /clone=IMAGE:4387778 /clone_end=5'	-1	AGTTGGGCGCTGTGTGACGACGATT CTCTACAGTTGTGCATAAATGTGTT
6367	Table 2	Hs.89104	BG058739	12525527	602590917F1 cDNA, 5' end /clone=IMAGE:4717348 /clone_end=5'	-1	CGTGGGAGGATGACAAAAGAGCATG AGTCACCCTGTGCGATAAATGAGA
6368	Table 1	Hs.166982	BG149747	12661777	phosphatidylinositol glycan, class F (PIGF), mRNA /cds=(67,726)	-1	GTGGTTTGGTGAGCATACACACTTCT CATTTCTATTGATGTACACAGCCA
6369	Table 1	Hs.184456	BG230563	12725596	hypothetical protein (LOC51249), mRNA /cds=(0,611)	-1	GTGTGAAGTACAGCACTGTGTGTGTA TGTTTCTTGCTCTCCCAAGTTTG
6370	Table 1	Hs.3353	BG236015	12749862	beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P) (B3GAT1), mRNA /cds=(175,1179)	-1	GTCTTTCCCGCTGTTCTTCTCCACTTA TGTAATTTCTAGTCTCTCCAGC
6371	Table 1	Hs.83623	BG654774	13792183	nuclear receptor subfamily 1, group 1, member 3 (NR1B3), mRNA /cds=(272,1518)	-1	TGTTTCGTAATTAATAGGCTCTGGC CCAGAAGACCCACTCAATTTGCCCT
6372	Table 1	Hs.109007	BG656723	13793132	602342214F1 cDNA, 5' end /clone=IMAGE:4452602 /clone_end=5'	-1	GTGGAAATGACACACACACACAAATG ACATTTAAGACACAGGATCATATT
6373	Table 1	Hs.14453	BG744911	14055664	interferon consensus sequence binding protein 1 (ICSBP1), mRNA /cds=(47,1327)	-1	AGGAATGGACAGCTGTGTTGCTGAAGT GTTCTAAGATAACAATAGGCTTG
6374	Table 1	Hs.2730	BI084548	14502878	heterogeneous nuclear ribonucleoprotein L (HNRPL), mRNA /cds=(28,1704)	-1	TGGGATTTTGTTTAAAGTCATTTGGT TTGGGAGGAGCACTGTTGTTATTTT
6375	Table 1	Hs.296356	BI085832	14504162	mRNA; cDNA DKFZp434M162 (from clone DKFZp434M162) /cds=UNKNOWN	-1	TGGACAAACTGACAGGCACTGCTTTG AAAGACAGGATCACTGTTGAGTAT

Table 8

6376	Table 1	Hs.132911	N20190	1125145	MR2-OT0079-290500-007-b03 cDNA	-1	AAGCGCTGTTTTCTACTCTAAAAATTCA AGAGGACACGCTAAGAACGATCA
6377	Table 1	Hs.334731	N58136	1202026	Homo sapiens, clone IMAGE:3448306, mRNA, partial cds /cds=(0,2353)	-1	AGGTGCCCTTTCTAAATAAAGATAAAG AATTTGACTTGGGACACTGCCAGA
6378	Table 1	Hs.303018	N94511	1266820	zb80g04.s1 cDNA, 3' end /cds=IMAGE:309942 /cds_end=3'	-1	CTGTCGAAAGTTGGAGACTGCCTGT ACCCAGGTTGATAGTCAATTGTTT
6379	Table 1	NA	W68708	1377588	cd35h04.s1 Soares_fetal_heart_NbH191W cDNA clone IMAGE:342679 3', mRNA sequence	-1	AGCAGAGTTAACTTAATTTCCATTCT TCACAGTTTGTGACCTTTGCCA
6380	Table 1	NA	W86427	1400194	zh61c1.1.s1 Soares_fetal_liver_spleen_1NFLS_S1 cDNA clone IMAGE:416564 3', mRNA sequence	-1	TGAGTATTGTTGTGGGGCGGGGTAT GTCTGTATATAAATCTGTGCAGCCA
6381	Table 3A	NA		36G5		1	CCCTTGCAGATACATGAGACAGGCCA GGGGCTGGAGTCTTGTCCATCCTTG
6382	Table 3A	NA		36F11		1	GAGTAGTTGTCTTCTGCGCACTAAC GTTGAGCTCTGTGTACGCACTGAAG
6383	Table 1	NA		37G7		1	GAGTCCAACTTACACTCTAGTAGTGA AGACAGGAAGAGTTGGCATACGAGT
6384	Table 1	NA		37G8		1	GGCTGAACCTTACTCATTAAAGCCACAT AAGTTCGAGTCAAGTTCCAGTCCA
6385	Table 3A	Hs.197345			thyroid autoantigen 70kD (Ku antigen) (G22P1), mRNA /cds=(17,1846)	1	GCCTCCAAAGCTCCCTCAATAAAGCT CTATCGGGAAGCAATGAACCACT
6388	Table 1	NA		40E4		1	AGGAATGCACACATTCCTCCAGGATC ACTGTGAGGATTAAAGGAGATGTT
6387	Table 3A	NA		41E9		1	AGTAACGGGAACAGTTCCAGATCTCC TGGTTCTAGTGTGAGCAGGTGATG
6388	Table 3A	Hs.169476			Homo sapiens, glyceraldehyde-3- phosphate dehydrogenase, clone MGC:10926 IMAGE:3628129, mRNA, complete cds /cds=(2306,3313)	1	GGGTGAACCATGAGAAGTTCCAGCAA CAGCCTCAGATCATCAGCAATGA
6389	Table 3A	NA		47E5		1	GGAGGTGTATAGGCTGGGATTGAAA AGGAAATATTACGCTGGTGGCA
6390	Table 2	NA		47D11		1	CCTAGACACCTCATGCACTAAGGTC ATGGATATTGGGAAGACAGACAGC
6391	Table 1	NA		50A11		1	TCCAGCAGATATAGGAAGCAGTGAT CTAAACAGACAAATAAAGGCCCT
6392	Table 3A	Hs.132906			DNA sequence from clone RP11- 404F10 on chromosome 1q23.1-24.1. Contains the 5' end of the SLAM gene for signaling lymphocytic activation molecule, a SET (SET translocation (myeloid leukemia-associated)) protein pseudogene, the CD48 gene for CD48 antigen (B-cell membrane protein), the gene for a novel LY9 (lymphocyte antigen 9) like protein and the 5' end of the LY9 gene. Contains ESTs, STSs and GSSs /cds=(41,1048)	1	ATCTGTGTACGAGACTTGGAGTCAG GCAGTGAGACTGGTGGGGACGGG
6393	Table 1	NA		52B9		1	TGTTTTAATGAAATGCTCTGCGAAA ATTCCTTTTGCACAGTTCATCGCT
6394	Table 1	NA		53B1		1	CACATAAAGAGTGGGAGGTGCAGC ACCTGGCTGGGGACAGAATATGG
6395	Table 1	NA		53E3		1	AAACGAAATCACGTGCTCGAAAGGG ACATATATTGTTCTTTAAGCATTT
6396	Table 1	NA		53E10		1	AAGGGTTCAATTCTCTTTGGAAGG TGATGGTAGGGGTGTGGCTCCAGA
6397	Table 2	NA		53G7		1	TGAGCAATTCAGTCCAGAGGACT GTCTACTTTGAGACTTGTGTGATT
6398	Table 1	NA		54F4		1	TTGTGTTAACTGTTGTGCACGCTAA GATACAACTCCCGAGGAAAGT
6399	Table 1	NA		54G9		1	TGTCACAGTGTTCTATTATTTGCCCG GTTCTTAAAGTGAGAGCATCCTGA
6400	Table 1	NA		59G1		1	ACAATGATATTGATGAGGCCACCCAGT CTTTTCAATTACTCTGAGTGAAGT
6401	Table 1	Hs.48320			mRNA for ring-IBR-ring domain containing protein Dorfin, complete cds /cds=(317,2833)	1	AGATCGAGATCTTCAGTCTCTGCTT CATCTGTGAGCTTGCCCTCAGTCA
6402	Table 1	NA		60G8		1	GGCCAGACAGCCCTAAGCTGCTTAATA CATTATACCACTCCTTCTCAGC
6403	Table 2	NA		62C9		1	CCCTTGGAACTTCTTGTCAACTTCTT TCTTTCCCACTAGACGGGACTT
6404	Table 3A	NA		62F11		1	CTTTGTAGATGCAGAGAGAAGCTATA AGAAACCCAGTACTTCCCGGGCGG
6405	Table 1	NA		63E1		1	ACTGCGACATCTGACTTTACAGAATA ACCAATGAAGTAAATAGAGAAAC AG

Table 8

6406	Table 2	NA	65B1	1	AGTCTTGGAGTCAACTCAGACTCAA ATGTAGAACTGGGAAGGACAGTGC
6407	Table 2	NA	65D10	1	AGCACTGTGCAGATGGCTTTAGAAAGA TTCAGAACAGAGCAACAATCTGTT
6408	Table 2	NA	65D11	1	AGCACTGTGCAGATGGCTTTAGAAAGA TTCAGAACAGAGCAACAATCTGTT
6409	Table 2	NA	65D12	1	CTATGGAGTCTGGAGGACACTGGA GTACCAATGCTAACACTGTGCAGAT
6410	Table 1	NA	68C9	1	CCCTGTCAACCTTCGTGGCCAGTGC CAGACAGTAACATAGTGATGCTAAA
6411	Table 1	NA	69F8	1	GAGAGATAGGGTAGAGAGACCGGG ACTTGGGTAGAGATGACC GGGATTC
6412	Table 1	NA	69H11	1	AGTGGAAAGCTAGGAGAAATATCGAAT GTGTAGGGACTTTGAAGTTACCA
6413	Table 3A	NA	70B6	1	CTGCACTCTCTTTTACTACAGTGATT ACAAAGTGGGGTTTGGTGGGAGT
6414	Table 3A	Hs.17109	Integral membrane protein 2A (IT2A), mRNA /cds=(139,930)	1	TCTGTGACTCTTATTACCAAGGACA CTCTACTGTGTGCTCTTACTCTT
6415	Table 2	NA	72D4	1	CAGTTCCAGATGTGGGTGTGGTGGT CCCCAAGTATCACCTTCCAAATTC
6416	Table 3A	Hs.234279	microtubule-associated protein, RP/EB family, member 1 (MAPRE1), mRNA /cds=(64,670)	1	AACGACCCGTGATTCAGAGAATTTG AGACATCTGTATGCCACAGATGA
6417	Table 2	NA	72D8	1	GGGTCCCGAGCCCTTCAAGAGCTAG ATTTACTCAAGTTTGTTCCTGGCC
6418	Table 1	NA	73C4	1	CACCTGAGCCAAACACAGAGACCTT TTGAGAAATGAGGAGACAAATGAT
6419	Table 1	NA	73H4	1	AGGTGAAAAATTAATCTTTCAGAGATA GCAGAGTGGATAATGGCCCATCGA
6420	Table 2	NA	73A7	1	TGCAGTGAAGACTACATTTCTGTCTAA AGAAAGATGTGTGAGTTCCGCTCT
6421	Table 3A	Hs.174228	small inducible cytokine subfamily C, member 2 (SCYC2), mRNA /cds=(0,344)	1	TCCAGCCAGCCAGCTCATTTTCACTTT ACACCCCTCAGACTGGGATTTATA
6422	Table 3A	Hs.3945	CSL-107 protein (LOC51012), mRNA /cds=(84,719)	1	TTTCAATACATGGAACTCCACCTGAC TTTGACCAACCCCGAGAACAGAGC
6423	Table 1	NA	75A2	1	AGCAACCGGAATACAAATGATACCTA TGCTGCCCTCTAGATCTCAGGGA
6424	Table 3A	Hs.249495	heterogeneous nuclear ribonucleoprotein A1 (HNRPA1), transcript variant 2, mRNA /cds=(104,1222)	1	TGCCCATACACATGAGATATTTGTCTA AAACATGTCTCTTTGTAGCAGCT
6425	Table 2	NA	75B12	1	GCAATCTTAACTGCAGGAAATTTT TGCACCCGAAGATTTCAGATCCCT
6426	Table 2	Hs.205442	601439689F1 cDNA, 5' end /clone=IMAGE:3924407 /clone_end=5'	1	GGCCCAAGTGCTAATGTAACCAATGAT GCCATGTGCGATATTGGAACCAATA
6427	Table 3A	NA	101G7	1	GGGGAAGAACAGATAATCTAGTGAC CTCACCAAGCTATGCCCCAGGCC
6428	Table 3A	Hs.179585	minichromosome maintenance deficient (S. cerevisiae) 3 (MCM3), mRNA /cds=(44,2470)	1	AATTCACCTGAAGCCGAGGAATGTGTG GTGATGAAGCTGAGATCAGGACTC
6429	Table 1	Hs.119640	hBKL for basic kruppel like factor (LOC51274), mRNA /cds=(55,1092)	1	CACCTATATCGAAAGTTTGGGCTCAT CTCCCAATGGTGCGCAAGACCTCC
6430	Table 3A	Hs.215595	guanine nucleotide binding protein (G protein), beta polypeptide 1 (GNB1), mRNA /cds=(280,1302)	1	TGTTGGAAAGTGTGTCTGTCTGACA ATTACCACTCAAGTTTACCTCTGTT
6431	Table 1	NA	105A10	1	ACGATAATACTGTGTTACTGCCAT AAATATTGGAAGCTAATGTAATATGC
6432	Table 1	NA	107G11	1	TTCTCTTATAAAGGACAGCAAGTTTAA AATGAGCAAGGAGCATTTGGAAA
6433	Table 1	NA	107H8	1	TGGCCAAAGAAATGAGAGCTCTAGACC TTCCCTATTCTATCGTGAACAACA
6434	Table 3A	Hs.64239	DNA sequence from clone RP5- 1174N9 on chromosome 1p34.1-35.3. Contains the gene for a novel protein with IIR domain, a (pseudo?) gene for a novel protein similar to MT1E (metallothionein 1E (functional)), ESTs, STSs, GSSs and two putative CpG islands /cds=(0,2195)	1	ACATGACCTGTGCAGTGTGTGCTGTG GAATTCGTGTGGCTTTGTATGAAA
6435	Table 1	NA	109H9	1	TGACATAACTACCATCCCTGCAACTA ATGAACCCAGCCTCAGAGCTTCTC
6436	Table 3A	Hs.80261	enhancer of filamentation 1 (cas-like docking, Crik-associated substrate related) (HEF1), mRNA /cds=(163,2867)	1	GAATGCACATAAACCCTCCGCTCTG AGGTCGCAGCTTCCAGCTTGTCTC
6437	Table 3A	Hs.1422	Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog (FGR), mRNA /cds=(147,1736)	1	GCCTTTCTCACTCCATCCCAACCCAA AGTGCTCAGACCTTGTCTAGTTAT

Table 8

6438	Table 3A	Hs.333114	AV713318 cDNA, 5' end /clone=DCAAAC09 /clone_end=5'	1	TGCTTTTACACGCTGTGACTGGGAA
6439	Table 1	NA	129A12	1	AACCGTGGCGTTACCCAACTTAAT
6440	Table 1	NA	129F10	1	TGTTTTTTTGTCTGAACGAAATCCTG
6441	Table 3A	NA	137D4	1	CTCTGTGGGCCAGCTAGAACGC
6442	Table 1	NA	142F9	1	CAGAAAGCTGGATGACGTTGCTCCATC
6443	Table 3A	Hs.250655	prothymosin, alpha (gene sequence 28) (PTMA), mRNA /cfs=(155,487)	1	TTCACTCTGTATAGACATGAT
6444	Table 3A	Hs.249495	heterogeneous nuclear ribonucleoprotein A1 (HNRPA1), transcript variant 2, mRNA /cfs=(104,1222)	1	CACATCTTCCATGACGCTACAT8
6445	Table 1	NA	149G2	1	AAACCGCTACCTGGCGGACCA
6446	Table 1	NA	149A11	1	AATTGTCTTAAATTGAGTTTCTCTGC
6447	Table 3A	NA	151F11	1	CATTGCACGCTCCTACTTTCTG
6448	Table 1	NA	162E8	1	CAGATGACACGGCTCTCCACCACC
6449	Table 3A	Hs.334330	calmodulin 3 (phosphorylase kinase, delta) (CALM3), mRNA /cfs=(123,581)	1	CAACCCAAACCATGAGAAATTGCAA
6450	Table 1	NA	170F7	1	CCCATGCTGTGATTGCTAAATGTAA
6451	Table 2	NA	170F9	1	CAGTCTGATGCTGTCTGCTCATG
6452	Table 3A	NA	177A3	1	TGTCGACAAAGACAATGAGATGATT
6453	Table 1	NA	331A3	1	ATTGGTGGTGGGATGGCTGTATACC
6454	Table 1	NA	331A5	1	TGGGAAAAGTCACTACGAGCTGGG
6455	Table 3A	NA	146C3	1	AGGGAATGGGCAATCTATTATAC
6456	Table 1	NA	146D8	1	AAAGGACAGGGAGCGGCAACAAAT
6457	Table 3A	Hs.153	ribosomal protein L7 (RPL7), mRNA /cfs=(10,756)	1	AAAACCTATTCTTGGTGAATATATA
6458	Table 1	NA	158G6	1	TCAAAGCACTGGAGATGAGAGCCAG
6459	Table 1	NA	158H6	1	GATGGACCGAAAAGAATTTACAG
6460	Table 3A	Hs.119598	ribosomal protein L3 (RPL3), mRNA /cfs=(6,1217)	1	CAAGAACATGGCTGCAGCATATATAA
6461	Table 1	NA	158E9	1	AGAAATTGAATCCATACTTTGTATAC
6462	Table 3A	Hs.325249	ribosomal protein L22 (RPL22), mRNA /cfs=(51,437)	1	CTTGCATACCAACGCTGTGAGATTAG
6463	Table 3A	Hs.297753	vimentin (VIM), mRNA /cfs=(122,1522)	1	TTCACTTACTGACTTCAGATTGGG
6464	Table 3A	NA	155H10	1	TTACACGACCGGAGCATCAATCA
6465	Table 3A	Hs.108124	cDNA: FLJ23088 fs, clone LNG07026 /cfs=UNKNOWN	1	CCCTTCTCTAAGAGAGTACCTCGG
6466	Table 1	NA	159F6	1	AAAAGCATCTCTGAGAGGAGCTGTCA
6467	Table 3A	NA	166F3	1	ATTCCTCGACTATTTTCAACCCCG
6468	Table 1	NA	166F6	1	AAAGAGGAGCTTAATCGCAGGAACA
6469	Table 1	Hs.8121	Notch (Drosophila) homolog 2 (NOTCH2), mRNA /cfs=(12,7427)	1	GATTTTGGAGTTGGTGGGCTCCAA
6470	Table 2	Hs.25130	PLACE100824 fs, clone VEGETATILE INCOMPATIBILITY PROTEIN HET-E-1 /cfs=UNKNOWN	1	AGAGACACCTAAATTACAGATTTGTG
6471	Table 1	NA	168A9	1	AGCTGAGAGCTGGAGTTTTCATT
6472	Table 1	NA	171F11	1	AACAGCAAGAGAGTTACGAAATAC
6473	Table 3A	NA	171G11	1	TTACTTCCAGATTACACAGACA
6474	Table 1	NA	175D1	1	ACCGCAAGATAGATTTGSAATAGGAA
6475	Table 1	NA	182H1	1	TAAGCTCTAGTTCTTACAAACCCA
				1	GCATGGACAAGATGCCAAGGCCCGG
				1	ATGCTTTAAGATGAAGTTCTTATCT
				1	CCTCCAGTCACCATCACAGGTTACC
				1	AGTGTCGAAGTTGATGAAATCAGT
				1	CCAAACATCTGGACCTTTGTGACTGTAA
				1	AAAGGGGAGAGGTAGCCAAATGATT
				1	TTATGCTGCTGGGCTGGGCTGGTAG
				1	TTCAATGGGAGTATGGGATTTATT
				1	AGCTGTCTGGCTCAAAAGATCTACATT
				1	CTGAAGTTGGCTGGAAATGCTCTG
				1	CTGGTCTTACCAGTGCCGATGCCCTT
				1	CAGGGCTTCAACAGGCCAGTACCTC
				1	TGACACAGACGTTTCAATCTTGGAG
				1	CAGCGACTGACTTTGACAGAAGAT
				1	TGCTATTTAAGCACCATGATAAATAT
				1	GAGGCCACTGGAAATCCATCCA
				1	GCAGGCGATGCTCTATAATCTAAAT
				1	GTATCTCTCTTCCCCTAAGCTGAA
				1	AAGTAAGACACCTGTGAACCTGTATC
				1	ATTACTGGGCGACATAGGAAGAT
				1	GCTGGGCTGGGAATTGGCTGGGCT
				1	AATGTGTCTTTGACTTAAGAAGCT
				1	TTTGGGAGAACCGATTGCTAAATTA
				1	TGCCATATCTGTCAGAGAGGG

Table 8

6476	Table 3A	NA	184B5	1	AAGCAGTATACCATTTATATAGCAAA CAGCCAGTGGCCAGTTCACTGTAT
6477	Table 3A	NA	184D2	1	CTGCCCTTTGGTAGTGAGAGGACCA CGCCAAATGATGCTTTTAAGTAACCT
6478	Table 1	NA	184H1	1	CATTTCCTCATCTCTAAGGCACACTT GCTACCCCTCTTTGCTGACCCGAG
6479	Table 1	NA	46D1	1	GCCTGCTGTCTGTCTCTCAATGTTCC TGCTCTCTCTTAAGTACTCTAATA
6480	Table 1	NA	98C1	1	AATCCCTAGACATGTGCTGTCTATTGC TCCCATTGAAGGTAGTTTCAACA
6481	Table 1	NA	98C3	1	ACCAATAGAGAAGAAGCTCTAGAAGA CAAAATCCAAACCTTGGACAA
6482	Table 2	Hs.205442	601439689F1 cDNA, 5' end /clone=IMAGE:3924407 /clone_end=5'	1	GGCTTCAACAGAAACATCAATGCCA AGACCAGTAGAGAGCGCTCAAAA
6483	Table 1	NA	98H4	1	GCAAGCCCACTAAATAAACATGTAA CCACATCTTCCCCCTTATAGG
6484	Table 1	Hs.169393	GLE1 (yeast homolog)-like, RNA export mediator (GLE1L), mRNA /cds=(87,2065)	1	ATGGATCTGTCTCTCTGTGCTAAATG TCTTGTGCGCAGGGTGCTTTGTGG
6485	Table 3A	NA	113F12	1	GCCGTAATGTCTCGGGATCTCTAATA ATAGAGGAGCTGTGATTGTTGGTGTCT
6486	Table 1	Hs.30212	thyroid receptor interacting protein 15 (TRIP15), mRNA /cds=(15,1346)	1	AGGCACCTCTCAACCAAGTCTCACTG AATTCAACTGCTGAAATTTGAACA
6487	Table 3A	NA	173A10	1	AGAGAGGGTTTAAAGGGAGGGCTTG TGAATCTTGGGAGAAACACGAAAG
6488	Table 3A	Hs.334853	hypothetical protein FLJ23544 (FLJ23544), mRNA /cds=(125,517)	1	ATGAATTTGAAGCAATGTGGCTGAA AAGCGCTCATCCAGATGGCTGT
6489	Table 3A	Hs.20252	DNA sequence from clone RP4- 646B12 on chromosome 1q42.11-42.3. Contains an FTH1 (ferritin, heavy polypeptide 1) (FTHL) pseudogene, the gene for a novel Ras family protein, ESTs, STSs, GSSs and a putative CpG island /cds=(0,776)	1	TTCCACAGATAGGTAAAGCAGGCGC GGCAAGATGAGACTGTATTCAAGTTA
6490	Table 1	NA	174D1	1	TCTTGCTCAGTCAATTTGGCAACCC CATCTGACACCTTGTTGATGACCT
6491	Table 1	NA	45B9	1	TCTTGGCAGCTCTTGTCATGGTGT CGACACTCTCTCTGCTCTCTTGG
6492	Table 1	NA	45H8	1	TTTCAACATGCGCTAGTCATCAGAA ACTGAAGCGGGGAGAAAGCTCTCT
6493	Table 1	NA	111H6	1	GGTACTCAAAGGAAATTAATCTTTCT CTGGAACCTTGGCAGAAAGTTTAA
6494	Table 1	NA	111E12	1	ATCCCTCTCCTACCTTTATATGAAGT TTTGATCTGTGCCCCGGCAGAGC
6495	Table 1	NA	111H11	1	ATTAAGGTTTTTAACATCTACTTTGGG TGATGGAGCCTTCAATGAAGTCA
6496	Table 1	NA	112H3	1	GAAAGACTACGAATTTGCTGGGAG GTAATAGGGAAGCCTTCCACATAAA
6497	Table 1	NA	112E9	1	AAATGAGGTACGCAATAACCTTGATT CGGTCTCTCACTGGCAACATTTTAA
6498	Table 1	NA	114G3	1	CTTGTCTGCTGTAAACAGCAGTATCT GTGGGCGGGGCTCAGACATATCT
6499	Table 1	NA	117H6	1	GTTCGCTGTATCTGGAATCTGTGTTG CTTCTCTGCGGATGAAGGAACCTC
6500	Table 1	NA	165E7	1	TAAGATAACCCACAGGCATCTCTGT CATAAAGCCACAGCAGACAGCAG
6501	Table 1	NA	165E11	1	ATGGGAACAGGATGTAAATACACAC ATACATACGCACACAGCGTTGGG
6502	Table 1	NA	165F7	1	CCTCTGCTATCACTAGAAATGTAGA GAAATGAAATGGCTGCTTTATGCT
6503	Table 1	NA	176A6	1	GATACAGATGTATTATTCAGCTCA AGGGCACTCTCCATTCGCTAACG
6504	Table 1	NA	176G2	1	TTATGTTACCAATTAGAATCAGCAAT TCAACTGTGCGGTGATTTGGCCT
6505	Table 1	NA	176E10	1	TCATCACTTGGGTTAACTAAAGGTTT GCGTATCACACAATTACACTACAA
6506	Table 3A	NA	176F11	1	TTCATAGTCAAAACAAAGGTAAAGTC ATGCATATTACCCAGCGCAACAAGG
6507	Table 1	Hs.232400	heterogeneous nuclear ribonucleoprotein A2/B1 (HNRPA2B1), transcript variant B1, mRNA /cds=(169,1230)	1	CCCACCCCTTCCCTCCATGTGGAAG ATTGGGTGCTTAAACATATCATTT
6508	Table 1	NA	71F2	1	GGGAGACATCTGATTCCTCAAAAG ATCTCATATAACACAGCTTTGGCC
6509	Table 1	Hs.172028	a disintegrin and metalloproteinase domain 10 (ADAM10), mRNA /cds=(469,2715)	1	AAATAAATTTGGAATGGACATTGTG CTGTTTCACTTCATGCTGTAA

Table 8

6510	Table 1	Hs.180610	splicing factor proline/glutamine rich (polypyrimidine tract-binding protein-associated) (SFPQ), mRNA /cds=(65,2208) 124G4	1	AGAACAGCTCTGGGTTACGGGTGT GATGCAGCAATGATTTTCGTACCT
6511	Table 1	NA	124G4	1	AAGGCGAAGTCAATCCCCTCCCTG AACCCAACTGCCAGTAGGTAGTTT AGTTAAACTGTTGTGAGGTAGTGTG TCAGGTACTCTGTATATAGCTCT ACTGGATAACAGAACGGATCAAGA TAAAGTATTCTGTTCCTGGGC GTCCCTTAGGGGAGGAGGTGTCT CTCTTTGCCACAGTCTACCTCAG CTCGGACTACTGAACCTTAGAATACT GTCCTAAGGAATAGGTCTGGGCA
6512	Table 1	NA	124C8	1	CAAAACAACAAAGTGGCCTCCATCG TGTGAGCCTCTCAAGGACAGGGC AAGGTGGCTGGCTTTATGATACA GGTGGTAATGAGCCCTTTTGGT TGCTCAATTGCCATACATGCACTATA GGCCGGGATGAGAAATCGTCAGCT TTCAAGGATGTGACTGATATCTGGTG TGCTTTATTTTGTGTGTGGG AGCTTTGGAAATTTGAACAAGGTGGG GACAAAATCAGGCAATAACAGACT CACTCTCTGAGTGTTCCTGAGAAC AAGGATCAGAGCTCGGCTGTGAG TTTTCCTTTCCGTGACTTCCCACTC ACTGTCTGTCTCTTATTTCTCT GCATGGGAATTGGCTGTCACTCA TAGCACGGTGTATAAATCAAGGA GTCCACTCAAGTTACCTGGCTGTCTA TCTTTTGGCTGACCCCTGAAGCGA CTAAGTAAAGCAAGAGGCGAGGGG AGGAGGGGAGTGTGTGATCTGTC
6513	Table 1	NA	124F9	1	CAAAACAACAAAGTGGCCTCCATCG TGTGAGCCTCTCAAGGACAGGGC AAGGTGGCTGGCTTTATGATACA GGTGGTAATGAGCCCTTTTGGT TGCTCAATTGCCATACATGCACTATA GGCCGGGATGAGAAATCGTCAGCT TTCAAGGATGTGACTGATATCTGGTG TGCTTTATTTTGTGTGTGGG AGCTTTGGAAATTTGAACAAGGTGGG GACAAAATCAGGCAATAACAGACT CACTCTCTGAGTGTTCCTGAGAAC AAGGATCAGAGCTCGGCTGTGAG TTTTCCTTTCCGTGACTTCCCACTC ACTGTCTGTCTCTTATTTCTCT GCATGGGAATTGGCTGTCACTCA TAGCACGGTGTATAAATCAAGGA GTCCACTCAAGTTACCTGGCTGTCTA TCTTTTGGCTGACCCCTGAAGCGA CTAAGTAAAGCAAGAGGCGAGGGG AGGAGGGGAGTGTGTGATCTGTC
6514	Table 3A	NA	127A12	1	CAAAACAACAAAGTGGCCTCCATCG TGTGAGCCTCTCAAGGACAGGGC AAGGTGGCTGGCTTTATGATACA GGTGGTAATGAGCCCTTTTGGT TGCTCAATTGCCATACATGCACTATA GGCCGGGATGAGAAATCGTCAGCT TTCAAGGATGTGACTGATATCTGGTG TGCTTTATTTTGTGTGTGGG AGCTTTGGAAATTTGAACAAGGTGGG GACAAAATCAGGCAATAACAGACT CACTCTCTGAGTGTTCCTGAGAAC AAGGATCAGAGCTCGGCTGTGAG TTTTCCTTTCCGTGACTTCCCACTC ACTGTCTGTCTCTTATTTCTCT GCATGGGAATTGGCTGTCACTCA TAGCACGGTGTATAAATCAAGGA GTCCACTCAAGTTACCTGGCTGTCTA TCTTTTGGCTGACCCCTGAAGCGA CTAAGTAAAGCAAGAGGCGAGGGG AGGAGGGGAGTGTGTGATCTGTC
6515	Table 1	Hs.50180	601652275F1 cDNA, 5' end /clone=IMAGE:3935610 /clone_end=5'	1	CAAAACAACAAAGTGGCCTCCATCG TGTGAGCCTCTCAAGGACAGGGC AAGGTGGCTGGCTTTATGATACA GGTGGTAATGAGCCCTTTTGGT TGCTCAATTGCCATACATGCACTATA GGCCGGGATGAGAAATCGTCAGCT TTCAAGGATGTGACTGATATCTGGTG TGCTTTATTTTGTGTGTGGG AGCTTTGGAAATTTGAACAAGGTGGG GACAAAATCAGGCAATAACAGACT CACTCTCTGAGTGTTCCTGAGAAC AAGGATCAGAGCTCGGCTGTGAG TTTTCCTTTCCGTGACTTCCCACTC ACTGTCTGTCTCTTATTTCTCT GCATGGGAATTGGCTGTCACTCA TAGCACGGTGTATAAATCAAGGA GTCCACTCAAGTTACCTGGCTGTCTA TCTTTTGGCTGACCCCTGAAGCGA CTAAGTAAAGCAAGAGGCGAGGGG AGGAGGGGAGTGTGTGATCTGTC
6516	Table 1	NA	161E8	1	CAAAACAACAAAGTGGCCTCCATCG TGTGAGCCTCTCAAGGACAGGGC AAGGTGGCTGGCTTTATGATACA GGTGGTAATGAGCCCTTTTGGT TGCTCAATTGCCATACATGCACTATA GGCCGGGATGAGAAATCGTCAGCT TTCAAGGATGTGACTGATATCTGGTG TGCTTTATTTTGTGTGTGGG AGCTTTGGAAATTTGAACAAGGTGGG GACAAAATCAGGCAATAACAGACT CACTCTCTGAGTGTTCCTGAGAAC AAGGATCAGAGCTCGGCTGTGAG TTTTCCTTTCCGTGACTTCCCACTC ACTGTCTGTCTCTTATTTCTCT GCATGGGAATTGGCTGTCACTCA TAGCACGGTGTATAAATCAAGGA GTCCACTCAAGTTACCTGGCTGTCTA TCTTTTGGCTGACCCCTGAAGCGA CTAAGTAAAGCAAGAGGCGAGGGG AGGAGGGGAGTGTGTGATCTGTC
6517	Table 1	NA	186E8	1	CAAAACAACAAAGTGGCCTCCATCG TGTGAGCCTCTCAAGGACAGGGC AAGGTGGCTGGCTTTATGATACA GGTGGTAATGAGCCCTTTTGGT TGCTCAATTGCCATACATGCACTATA GGCCGGGATGAGAAATCGTCAGCT TTCAAGGATGTGACTGATATCTGGTG TGCTTTATTTTGTGTGTGGG AGCTTTGGAAATTTGAACAAGGTGGG GACAAAATCAGGCAATAACAGACT CACTCTCTGAGTGTTCCTGAGAAC AAGGATCAGAGCTCGGCTGTGAG TTTTCCTTTCCGTGACTTCCCACTC ACTGTCTGTCTCTTATTTCTCT GCATGGGAATTGGCTGTCACTCA TAGCACGGTGTATAAATCAAGGA GTCCACTCAAGTTACCTGGCTGTCTA TCTTTTGGCTGACCCCTGAAGCGA CTAAGTAAAGCAAGAGGCGAGGGG AGGAGGGGAGTGTGTGATCTGTC
6518	Table 2	NA	191F6	1	CAAAACAACAAAGTGGCCTCCATCG TGTGAGCCTCTCAAGGACAGGGC AAGGTGGCTGGCTTTATGATACA GGTGGTAATGAGCCCTTTTGGT TGCTCAATTGCCATACATGCACTATA GGCCGGGATGAGAAATCGTCAGCT TTCAAGGATGTGACTGATATCTGGTG TGCTTTATTTTGTGTGTGGG AGCTTTGGAAATTTGAACAAGGTGGG GACAAAATCAGGCAATAACAGACT CACTCTCTGAGTGTTCCTGAGAAC AAGGATCAGAGCTCGGCTGTGAG TTTTCCTTTCCGTGACTTCCCACTC ACTGTCTGTCTCTTATTTCTCT GCATGGGAATTGGCTGTCACTCA TAGCACGGTGTATAAATCAAGGA GTCCACTCAAGTTACCTGGCTGTCTA TCTTTTGGCTGACCCCTGAAGCGA CTAAGTAAAGCAAGAGGCGAGGGG AGGAGGGGAGTGTGTGATCTGTC
6519	Table 3A	NA	193G3	1	CAAAACAACAAAGTGGCCTCCATCG TGTGAGCCTCTCAAGGACAGGGC AAGGTGGCTGGCTTTATGATACA GGTGGTAATGAGCCCTTTTGGT TGCTCAATTGCCATACATGCACTATA GGCCGGGATGAGAAATCGTCAGCT TTCAAGGATGTGACTGATATCTGGTG TGCTTTATTTTGTGTGTGGG AGCTTTGGAAATTTGAACAAGGTGGG GACAAAATCAGGCAATAACAGACT CACTCTCTGAGTGTTCCTGAGAAC AAGGATCAGAGCTCGGCTGTGAG TTTTCCTTTCCGTGACTTCCCACTC ACTGTCTGTCTCTTATTTCTCT GCATGGGAATTGGCTGTCACTCA TAGCACGGTGTATAAATCAAGGA GTCCACTCAAGTTACCTGGCTGTCTA TCTTTTGGCTGACCCCTGAAGCGA CTAAGTAAAGCAAGAGGCGAGGGG AGGAGGGGAGTGTGTGATCTGTC
6520	Table 1	NA	194C2	1	CAAAACAACAAAGTGGCCTCCATCG TGTGAGCCTCTCAAGGACAGGGC AAGGTGGCTGGCTTTATGATACA GGTGGTAATGAGCCCTTTTGGT TGCTCAATTGCCATACATGCACTATA GGCCGGGATGAGAAATCGTCAGCT TTCAAGGATGTGACTGATATCTGGTG TGCTTTATTTTGTGTGTGGG AGCTTTGGAAATTTGAACAAGGTGGG GACAAAATCAGGCAATAACAGACT CACTCTCTGAGTGTTCCTGAGAAC AAGGATCAGAGCTCGGCTGTGAG TTTTCCTTTCCGTGACTTCCCACTC ACTGTCTGTCTCTTATTTCTCT GCATGGGAATTGGCTGTCACTCA TAGCACGGTGTATAAATCAAGGA GTCCACTCAAGTTACCTGGCTGTCTA TCTTTTGGCTGACCCCTGAAGCGA CTAAGTAAAGCAAGAGGCGAGGGG AGGAGGGGAGTGTGTGATCTGTC
6521	db mining	NA	458C6	1	CAAAACAACAAAGTGGCCTCCATCG TGTGAGCCTCTCAAGGACAGGGC AAGGTGGCTGGCTTTATGATACA GGTGGTAATGAGCCCTTTTGGT TGCTCAATTGCCATACATGCACTATA GGCCGGGATGAGAAATCGTCAGCT TTCAAGGATGTGACTGATATCTGGTG TGCTTTATTTTGTGTGTGGG AGCTTTGGAAATTTGAACAAGGTGGG GACAAAATCAGGCAATAACAGACT CACTCTCTGAGTGTTCCTGAGAAC AAGGATCAGAGCTCGGCTGTGAG TTTTCCTTTCCGTGACTTCCCACTC ACTGTCTGTCTCTTATTTCTCT GCATGGGAATTGGCTGTCACTCA TAGCACGGTGTATAAATCAAGGA GTCCACTCAAGTTACCTGGCTGTCTA TCTTTTGGCTGACCCCTGAAGCGA CTAAGTAAAGCAAGAGGCGAGGGG AGGAGGGGAGTGTGTGATCTGTC
6522	Table 1	NA	458E4	1	CAAAACAACAAAGTGGCCTCCATCG TGTGAGCCTCTCAAGGACAGGGC AAGGTGGCTGGCTTTATGATACA GGTGGTAATGAGCCCTTTTGGT TGCTCAATTGCCATACATGCACTATA GGCCGGGATGAGAAATCGTCAGCT TTCAAGGATGTGACTGATATCTGGTG TGCTTTATTTTGTGTGTGGG AGCTTTGGAAATTTGAACAAGGTGGG GACAAAATCAGGCAATAACAGACT CACTCTCTGAGTGTTCCTGAGAAC AAGGATCAGAGCTCGGCTGTGAG TTTTCCTTTCCGTGACTTCCCACTC ACTGTCTGTCTCTTATTTCTCT GCATGGGAATTGGCTGTCACTCA TAGCACGGTGTATAAATCAAGGA GTCCACTCAAGTTACCTGGCTGTCTA TCTTTTGGCTGACCCCTGAAGCGA CTAAGTAAAGCAAGAGGCGAGGGG AGGAGGGGAGTGTGTGATCTGTC
6523	Table 1	NA	458G10	1	CAAAACAACAAAGTGGCCTCCATCG TGTGAGCCTCTCAAGGACAGGGC AAGGTGGCTGGCTTTATGATACA GGTGGTAATGAGCCCTTTTGGT TGCTCAATTGCCATACATGCACTATA GGCCGGGATGAGAAATCGTCAGCT TTCAAGGATGTGACTGATATCTGGTG TGCTTTATTTTGTGTGTGGG AGCTTTGGAAATTTGAACAAGGTGGG GACAAAATCAGGCAATAACAGACT CACTCTCTGAGTGTTCCTGAGAAC AAGGATCAGAGCTCGGCTGTGAG TTTTCCTTTCCGTGACTTCCCACTC ACTGTCTGTCTCTTATTTCTCT GCATGGGAATTGGCTGTCACTCA TAGCACGGTGTATAAATCAAGGA GTCCACTCAAGTTACCTGGCTGTCTA TCTTTTGGCTGACCCCTGAAGCGA CTAAGTAAAGCAAGAGGCGAGGGG AGGAGGGGAGTGTGTGATCTGTC
6524	Table 1	NA	459B3	1	CAAAACAACAAAGTGGCCTCCATCG TGTGAGCCTCTCAAGGACAGGGC AAGGTGGCTGGCTTTATGATACA GGTGGTAATGAGCCCTTTTGGT TGCTCAATTGCCATACATGCACTATA GGCCGGGATGAGAAATCGTCAGCT TTCAAGGATGTGACTGATATCTGGTG TGCTTTATTTTGTGTGTGGG AGCTTTGGAAATTTGAACAAGGTGGG GACAAAATCAGGCAATAACAGACT CACTCTCTGAGTGTTCCTGAGAAC AAGGATCAGAGCTCGGCTGTGAG TTTTCCTTTCCGTGACTTCCCACTC ACTGTCTGTCTCTTATTTCTCT GCATGGGAATTGGCTGTCACTCA TAGCACGGTGTATAAATCAAGGA GTCCACTCAAGTTACCTGGCTGTCTA TCTTTTGGCTGACCCCTGAAGCGA CTAAGTAAAGCAAGAGGCGAGGGG AGGAGGGGAGTGTGTGATCTGTC
6525	Table 1	NA	459D2	1	CAAAACAACAAAGTGGCCTCCATCG TGTGAGCCTCTCAAGGACAGGGC AAGGTGGCTGGCTTTATGATACA GGTGGTAATGAGCCCTTTTGGT TGCTCAATTGCCATACATGCACTATA GGCCGGGATGAGAAATCGTCAGCT TTCAAGGATGTGACTGATATCTGGTG TGCTTTATTTTGTGTGTGGG AGCTTTGGAAATTTGAACAAGGTGGG GACAAAATCAGGCAATAACAGACT CACTCTCTGAGTGTTCCTGAGAAC AAGGATCAGAGCTCGGCTGTGAG TTTTCCTTTCCGTGACTTCCCACTC ACTGTCTGTCTCTTATTTCTCT GCATGGGAATTGGCTGTCACTCA TAGCACGGTGTATAAATCAAGGA GTCCACTCAAGTTACCTGGCTGTCTA TCTTTTGGCTGACCCCTGAAGCGA CTAAGTAAAGCAAGAGGCGAGGGG AGGAGGGGAGTGTGTGATCTGTC
6526	Table 1	NA	459E6	1	CAAAACAACAAAGTGGCCTCCATCG TGTGAGCCTCTCAAGGACAGGGC AAGGTGGCTGGCTTTATGATACA GGTGGTAATGAGCCCTTTTGGT TGCTCAATTGCCATACATGCACTATA GGCCGGGATGAGAAATCGTCAGCT TTCAAGGATGTGACTGATATCTGGTG TGCTTTATTTTGTGTGTGGG AGCTTTGGAAATTTGAACAAGGTGGG GACAAAATCAGGCAATAACAGACT CACTCTCTGAGTGTTCCTGAGAAC AAGGATCAGAGCTCGGCTGTGAG TTTTCCTTTCCGTGACTTCCCACTC ACTGTCTGTCTCTTATTTCTCT GCATGGGAATTGGCTGTCACTCA TAGCACGGTGTATAAATCAAGGA GTCCACTCAAGTTACCTGGCTGTCTA TCTTTTGGCTGACCCCTGAAGCGA CTAAGTAAAGCAAGAGGCGAGGGG AGGAGGGGAGTGTGTGATCTGTC
6527	Table 3A	Hs.20830	DNA sequence from cosmid ICK0721Q on chromosome 6. Contains a 60S Ribosomal Protein L35A LIKE pseudogene, a gene coding for a 60S Ribosomal Protein L12 LIKE protein in an intron of the HSET gene coding for a Kinesin related protein, the PHF1 (PHF2) gene coding for alternative splice products PHD finger proteins 1 and 2, the gene coding for five different alternatively spliced mRNAs coding for a protein similar to CYTA (CYCY) and identical to a polypeptide coded for by a known patented cDNA, and the first two exons of the gene coding for the homolog of the rat synaptic ras GTPase- activating protein p135 SynGAP. Contains three predicted CpG islands, ESTs and an STS /cds=(163,2184)	1	AGAACAGCTCTGGGTTACGGGTGT GATGCAGCAATGATTTTCGTACCT
6528	Table 3A	NA	460D5	1	AGAACAGCTCTGGGTTACGGGTGT GATGCAGCAATGATTTTCGTACCT
6529	Table 1	NA	460B9	1	AGAACAGCTCTGGGTTACGGGTGT GATGCAGCAATGATTTTCGTACCT
6530	Table 3A	NA	461A4	1	AGAACAGCTCTGGGTTACGGGTGT GATGCAGCAATGATTTTCGTACCT
6531	Table 1	NA	461G6	1	AGAACAGCTCTGGGTTACGGGTGT GATGCAGCAATGATTTTCGTACCT
6532	Table 1	NA	461D9	1	AGAACAGCTCTGGGTTACGGGTGT GATGCAGCAATGATTTTCGTACCT
6533	Table 3A	Hs.80768	chloride channel 7 (CLCN7), mRNA /cds=(38,2455) 461H7	1	AGAACAGCTCTGGGTTACGGGTGT GATGCAGCAATGATTTTCGTACCT
6534	Table 1	NA	461H7	1	AGAACAGCTCTGGGTTACGGGTGT GATGCAGCAATGATTTTCGTACCT
6535	Table 1	Hs.333513	small inducible cytokine subfamily E, member 1 (endothelial monocyte- activating) (SCYE1), mRNA /cds=(49,987) 463A5	1	AGAACAGCTCTGGGTTACGGGTGT GATGCAGCAATGATTTTCGTACCT
6536	Table 1	NA	463A5	1	AGAACAGCTCTGGGTTACGGGTGT GATGCAGCAATGATTTTCGTACCT
6537	Table 1	NA	463B2	1	AGAACAGCTCTGGGTTACGGGTGT GATGCAGCAATGATTTTCGTACCT

Table 8

6538	Table 1	NA	463C5	1	CCTTGGACACGAGACGACTGACATAT ATAGATGGGAGTCACTCATGGCT
6539	Table 3A	Hs.40919	hypothetical protein FLJ14511 (FLJ14511), mRNA /cds=(22,1272)	1	GGGTAGCGTGAAGATCTGGACAGC GCACATACGACCGCGGCCACTGTTTC
6540	Table 1	NA	463H5	1	AGAAGCAACGCTGTGAAGCTACTATC GTTTATCATCAGTGTGAATGCACCT
6541	Table 1	NA	463A7	1	TAGTATGACATTTGGGTGCCAGAG GTGGGGGTAAAGAAATTTGGAAC
6542	Table 1	NA	463B10	1	GTGTGGCCTAAGGAACACCTCTGTG GGGAGTAAGAGCCAGCCCTTCTCTC
6543	Table 1	NA	463C7	1	AGATCGGGCGCAAGCTTATGTCTCT GTTATGAGGTTTAAATTAGATTGG
6544	Table 1	NA	463F10	1	TCATAACGCCCTTCAAAACATTGAAT AAATTCAGTGCACAAACATTGAGCA
6545	Table 1	NA	464C2	1	TGAGAAAGGAGTTAGCAGAAATTTAA CATACCGAGAGAGCTGTGTTAGCA
6546	Table 1	NA	464C5	1	CTGGACACTCAGCTCCCTTAAGTGG AGGGGACGGGCACAGCGCTTCTCTC
6547	Table 1	NA	464C10	1	AAAGACCTGCCACTTATTTTGGCTC TCATCTGTACTCTTAAAGTGTGTGT
6548	Table 1	NA	464D8	1	AGACACAGCTGCAGAAAACCTTATCT TTTCAAGCATGCACAGTGCACAAA
6549	Table 1	Hs.221695	7k30d01.x1 cDNA, 3' end /clone=IMAGE:3476785 /clone_end=3'	1	CATTCAACACACAAACCGAGCACCT ACTGTGTGCCACGCCACAGACAAAG
6550	Table 1	NA	464E7	1	CCTAGGAACACAGGTCAAAAGAAACA CAGTCCAAACATGATTACAGAATTC
6551	Table 1	NA	464H12	1	AAACGCAATCTATTTAGGTTTGAGAT TAGAAGCTGAGGCCAAGGACTCA
6552	Table 2	NA	465B3	1	TCCTCGAGATGCATGGTCCGTGAAGA AATTTAATAGCAAAAGCAGAGAAGA
6553	Table 1	NA	465G2	1	GGCTCTCATGCTTATGCCACACATCC TTGATTTCTGCTTAGGAGTCTCTGG
6554	Table 1	NA	465H5	1	AAGCCTGAGCTAACAAGAGCTGAGG ACGATAGCTTATTCCTCTTTATGGG
6555	Table 1	NA	465A12	1	TGGATGATGGGATTTGATTAAGCATGT GGACTGGATTTGTGTACAAAACCTCT
6556	Table 1	NA	465F7	1	TGCTGTGTTCTAGGATTAAACAGAAAT CATCAGCTTTGCCATATTTTGAGCT
6557	Table 1	NA	465G8	1	GGCTCAGCAAAAAGAGAAATTCGTAG CACTTTTCACTGTGAAAGCAGACCCA
6558	Table 1	NA	465H10	1	GATATTAAGTACTTTCAGTACAAAATC TGGTGTGCTGTGAGTGGGCTCATCC
6559	Table 3A	Hs.135309	DNA sequence from clone RP4- 612B15 on chromosome 1p22.2-31.1. Contains the (possibly pseudo) gene for a novel protein similar to 60S ribosomal protein L17 (RPL17), the gene for CGI- 61, endophilin B1 and KIAA0491, ESTs, STSs, GSSs and two CpG islands /cfs=(1011,1406)	1	TCCAAGTTCTCTAACAACAAATTCCTCT ATCTGGGATTTGATTTGGGTT
6560	Table 1	NA	515C12	1	TCATGTGTCATAGCTGTAAACCTGTGTG AAATAGTATTCAGATCAAAAAGCG
6561	Table 1	NA	515H10	1	ATATGTACCTGTGAGGCGGACGATC GAAATTACTAGTGAATTAAGCGCAG
6562	Table 1	NA	55G3	1	TGCGAGTGAATTTCTGTAAAGGAGGG TATGGGATAATTAATAGCAGCGCT
6563	Table 1	NA	55F9	1	GCCCCAGCATTCAATTCATTTTGTA CCCTTATGTTTAAAGAACTTCTCCC
6564	Table 3A	NA	99E7	1	AACTTTGCTTCTGAAGGTTTGTGTG TACCTCGGGCGGAAACAGCGTAAT
6565	Table 1	Hs.319825	602021477F1 cDNA, 5' end /clone=IMAGE:4156915 /clone_end=5'	1	ATTGAGCTCCACTTTGTGCCAAGCTCT GGGGTAGGCAATTTTCATATCTT
6566	Table 1	Hs.17481	mRNA: cDNA DKFZp434G2415 (from clone DKFZp434G2415) /cfs=UNKNOWN	1	CAGTGGAAGAGCTGCACGTCTCTCCG GGCTTGTGTATCCGATCTCTGTAC
6567	Table 1	NA	116C9	1	AGCTTTGAAAGTAATGCTCAACCTCG CTGTGAGTTTATCACAAGTGCATT
6568	Table 1	NA	128F5	1	AGCTTAATGAAATTGGAGGAGCACCG AACAGGAGTTTCTCTGAGCAGTGG
6569	Table 1	NA	135F10	1	GCTCTGACTGATCTCTCTCTCTATCT CTTTCTGCAATTATACAGAGACT
6570	Table 1	NA	189F3	1	TGAGAAAGAGCTGTGAAGGACAGGCG GGGGCAAGTGCAAGGCTCTGACTT
6571	Table 1	NA	189A8	1	AACTCCCTGTTCAGTTGAGTTGCTAA TGATCTCAAGCTCTTCCCTGATTA
6572	Table 1	NA	195H12	1	CAGCCTAATGCTCAACACACAGATA CCATTGGTGGGCGACGTGACCCAG

Table 8

6573	Table 1	Hs.292457	Homo sapiens, clone MGC:16362 IMAGE:3927795, mRNA, complete cds (cds=(498,635)) 466C4	1	CACCATCTTTTGGCTGGATACTAGCC CGCAATACCCACTCACCTACGACC
6574	Table 3A	NA		1	AGGGTCTCCACCTTACAGAAGTACAT GAACAACACAGATAGACAGGCGCTG
6575	Table 1	NA	466D1	1	ACCAGAGAAAGATAAATCATAGTTG GTGTCTCTGGGTTTCTCACTTC
6576	Table 1	NA	466G2	1	ATGTATGAGAGAGATTCCAGATGAGT TAAAGGAGGGAAGGAGGGGGTGT
6577	Table 1	NA	466H5	1	CATGAGTATTGGCACTGGGGTTCAAG TTCCAGGCGAGAGCAGGATAAGAG
6578	Table 1	NA	466B7	1	CTCCTGGGCGCTGGAGTCTGGTCTG CCTCTTGGGACAGAGATTAGTCTG
6579	Table 2	NA	466B10	1	TGGAACTCTGATCAAAADATCTGTA CTTTGTACAGCAAAAGATTTCGC
6580	Table 1	NA	466C9	1	ATAGAACCTGTTTACCTATGAGCCTT GCCTTGTATTATTCACTGTGGC
6581	Table 1	Hs.7187	mRNA for KIAA1757 protein, partial cds (cds=(347,457)) 121F1	1	ACATCTCTTGTGAAAGTTCAAATGTGA CAGCAAGGTGTAAACACTCCACT
6582	Table 1	NA		1	GGGTGAATTAATCGGAGATGGGTA GTCAAGGCAATGATGGGTGGGTTT
6583	Table 1	NA	121A11	1	TGCAATTGTGGAGACAAATTTGTTA GTTTAAATCTGGCTCTGTTCCCT
6584	Table 3A	NA	121F8	1	GGACCTATCTCTCAAGCATGGAAA CTACTAGTTCTGCTGCGCAGGAG
6585	Table 1	NA	178B2	1	AATTAAGGATGCCCTACCGACATCTA TCAGCATACCTGGACAGGTTTCA
6586	Table 3A	NA	178B5	1	CGGCCAACCCAGGAGGCGAGGTGTT TTGGGCACTGGTTTATAGTACCTC
6587	Table 1	NA	178F5	1	GCTGGGGTGAAAATCTGAAAGCTCA GACCTCAGTGGAAACAGATGAATGT
6588	Table 1	NA	178C12	1	CCCCAGGCTCTGTGACGCTTGAATTT CTAATTAGCCACAGAAAGGGTAA
6589	Table 1	NA	462A11	1	CCTGACTACGTGTTTTCCCCACAGAC ATCACACTGGTTTCACTCGTTGAA
6590	Table 1	Hs.13231	cd15d12.s1 cDNA (clone=IMAGE:1368023) 462D9	1	AATGGAAAGACACTTCTGTATACACT GGAAATCTCAGGAAATTTCTTTTTCC
6591	Table 1	NA		1	GACAGTACAGTACCTTAAGAGCACTG AGGAGGGCCACCCCACTGGAATC
6592	Table 1	NA	462E8	1	TTTCCTTGGAGATTTCAGGCATCTTA GGCCGGAAGGAGACTCCGAGGTGG
6593	Table 1	NA	462F9	1	CTCCGCTCTTTCACTCATTTGTTTAG TGTTCTTTAAGCTTTTGCCTGT
6594	Table 1	NA	462F11	1	TCCACATTTGATCATGCATTTATGAA AGCCCTGGGTTTGTATTAGAA
6595	Table 1	NA	462G12	1	GCTATCTTCTGCTGAATCAGCGTAAT GCTGATATACACCTATTTTCTGT
6596	Table 1	NA	462H9	1	AAAAGAAAAGTTTTCACCCAGGGA ATTTATAGTGGGTGTGCTGCGAGA
6597	Table 1	NA	472B1	1	AGGAGACCAATGTAAGGGGAAGTGTG TTAGATTGTAATGAGGGGTTTGCA
6598	Table 1	NA	472C1	1	GCTCTTTCCAGACCCAGCCGCCAG GTTCTCTGTAGAAAGAAATAAATGC
6599	Table 1	NA	472E6	1	AAGGAGGAATGGGAATCTCAAGCTCA AGGGCACTCTCACTAATTGTGGGT
6600	Table 1	NA	472F4	1	AAATAGCCACCTCTCTCCCATTTTCT GTCAAGAACACACACTTTATATCCA
6601	Table 1	NA	472G2	1	TTTGGTAAAGAGATTGGAGGGGACAC CCAGGGAACCCAGGATTTTGTGGC
6602	Table 1	NA	472D7	1	AAGTGGTAAAGCATCTCTAAGACTAT CTTCCAGCTCCGGGCGACAATGG
6603	Table 1	NA	472G12	1	CACTCTCTAAGTCAAGCAGAGTCCTT CCTGCATACCTGTACTGGGTGCTG
6604	Table 1	Hs.75354	mRNA for KIAA0219 gene, partial cds (cds=(0,7239)) 64G9	1	GGACTTTTCAGGCTTCAATCCCTGTG TGTGTCTTTTCTCTGTGTGTGT
6605	Table 2	NA		1	ATTTGCTGGGCAATCTGCTGACTAT GAATCTTTGGGGCACTGAGTTTAC
6606	Table 1	NA	467E5	1	CTGGGGTACTGGGGAAGGAACTG GTATTTGAGATTATATTTGGGGG
6607	Table 1	NA	467A8	1	TTGAGTAGGCTCAGAGTTCCAGATG AGGTGCAGAGAACATCTGTGACT
6608	Table 1	NA	467C9	1	GTCAAGAGAGAAATGGTAGCTGA AGAAGCAGGGCAGGAGGGCTCTAAC
6609	Table 3A	NA	467F8	1	TTTCGGGTATTTCTGTTGGGTTGAC TTTTTGTGTGTGTTGTGTGGTGG
6610	Table 1	NA	468E6	1	GGATCTCTGCTCTCTCACTGTGT GACAGACTACTAACAGCCCAACTG

Table 8

6611	Table 1	NA	468B9	1	ACAGTGTGGGACAGAAGAGTGCTCA
6612	Table 1	NA	468E10	1	GTGATTAAATGCCTGATAATAGATT
6613	Table 1	NA	468F10	1	CTCTCTCGCAATTTACAACCGCTTTC
6614	Table 1	NA	468F11	1	AGTACCATTCACCGTCACCTCCTCT
6615	Table 1	NA	468G12	1	CTTTTGGGAGTGGAGTTTGTGTAGAT
6616	Table 1	NA	468H11	1	GGGAGAGAGATCAGAGAAGGAGA
6617	Table 1	NA	468B6	1	CCCTACTGCTTACGGTCATCGGTCA
6618	Table 1	NA	468D2	1	CAGCCCAACCCGCTTGGTTAGGTG
6619	Table 1	NA	468A10	1	AGAGTATAATTTCCCGACGTGGAGT
6620	Table 1	NA	468E12	1	GGTTAGTGTGCTAAAGAAAGAGT
6621	Table 1	NA	468F8	1	CTGATGTCGTGTCTGCACCTCACCTGG
6622	Table 1	NA	468G8	1	TCATGTGTCTGTTGTGGGGTAGT
6623	Table 1	NA	470B2	1	AGGGGACAGAGAAGATCCACACTCA
6624	Table 1	Hs.118174	tetrairicopeptide repeat domain 3 (TTC3), mRNA /cds=(2082,7460)	1	CAAGAGATGACCAAGAGTAAACTG
6625	Table 1	NA	470C3	1	CCCAGCAGAGGCCCAACAAGAGCCA
6626	Table 1	NA	470D5	1	TACCCAACTTCACGCAAAATAAAA
6627	Table 1	NA	470E1	1	TGTGCAATACGGCGAGAAGAAGTG
6628	Table 1	NA	470E5	1	CATGAGAAAGTGCTTTATAAGCTGT
6629	Table 1	NA	470F3	1	CCAGCTTTTCTTTGATGTTAGTTAG
6630	Table 1	NA	470G6	1	CAGTAAGTCACAGGTTTGAGCCCC
6631	Table 1	NA	470B8	1	GGCAGCGCATCCTCATCTCGATGCT
6632	Table 1	NA	470G10	1	CTTAGAATATCTCAATGATCAT
6633	Table 1	NA	471D6	1	ACCTCTATACCTAGTGGCGTTGGGT
6634	Table 1	NA	471F1	1	AACCAGCAAGACAGGTTTGTGTGTC
6635	Table 1	NA	471F4	1	CGCGGAGTGGTGGAGAGACAGACT
6636	Table 1	NA	471F6	1	GCCTTAGAGCATGAATAATTGAGA
6637	Table 1	NA	471E9	1	AGGTAGACTATTAGCTGGAAGCATC
6638	Table 1	NA	471E11	1	CAAAACGGGGATTTTAAATACTCA
6639	Table 1	NA	471H11	1	AAATGTAGGTTAAAACTCTCACTTAA
6640	Table 1	NA	473E4	1	GAAGGAGAAGATCTGAGTAAACCCA
6641	Table 1	NA	473F3	1	ACCTGAAACAATGAATGAAGAAAGGA
6642	Table 1	NA	473E11	1	GACTTGGTCTTCTAGCTCTGGAC
6643	Table 1	NA	476C1	1	CATGGCTCACAAGCTCTACACTCCC
6644	Table 1	NA	476D3	1	CTCCCTCAGATCTTAAGAAGAG
6645	Table 1	NA	476F5	1	TCTGAGCTTCACITCAAGAACTGTA
6646	Table 1	NA	476G3	1	GTCCAAAAGAACTGGTTCAGT
6647	Table 2	NA	476G4	1	TCAGGCTTCCACTTCAAGAAGAG
6648	Table 1	NA	476H10	1	CGGGGACAGTTTTGTGAATGTTG
6649	Table 1	NA	476G8	1	TTTGTGGGATGACTGACTGAGGCC
6650	Table 1	NA	476H10	1	CTGGAGACTGTGCTATAATCTCTC
				1	TCACACTACTGGCTCACCTACTAT
				1	TAGCACTGTAGCCAGAGTCCCTGCTT
				1	GTACAGGAAGCTGGGTGGTGGTT
				1	TGGATAGTCAGAATTACGTGTTTTGT
				1	GGATTGGGGAGGGAGGGGAGGAAA
				1	GCACCTCTGGAACTTCTCACTAATT
				1	CGGGGACAGTTTTGTGAATGTTG
				1	TTTGTGGGATGACTGACTGAGGCC
				1	CTGGAGACTGTGCTATAATCTCTC
				1	AGAAAGGAGATCTGTCTCAACACTCT
				1	CGAGGGGAGGACAAAGCAATTGAA
				1	CTTGCACTCTGAGTGAAGATGAACCTT
				1	TCTTTCCAGCCCTGAGAGAGGGA
				1	GTCTAGCTGGCAGGTGATGGATGAAT
				1	GGATGAGCTGGCAGACCAACAGAA
				1	TGCATGGAATGTTTGCAGTACGGGG
				1	AAATAGGGAGGCCAAACTGTGT
				1	TTTTAAGGTGTGACTCAATTTACAG
				1	CATTCTGTATTTTGCAGTTTGTG
				1	ACCTTTGGGAGAAGTCTTACAACCTA
				1	CATGAAATGCAGATTTATGGACTC
				1	GAAGGGACAGAACATCAACTGTGA
				1	GAGATGGGAGAAAACCTCAATGGGA
				1	CTAGTTTGGGACTTTCAATGGGCAC
				1	GTGAATCCAGGAGGGGCTGAATTTT
				1	GGCCAGGATTGTAGACAGCATAAAAA
				1	TAATTTGGGCTTTTCTGCTGTAA
				1	CTGGGCTTCTTGTGTGAGAAGCACC
				1	GCAGCCAGAACCAACAGTCAACT
				1	GAAGGGGGATCTGGTATGGGGGAA
				1	GCCAAAGGACAGGGAAAAAGGAAA
				1	AACCCAACCATGAAAAAGAAGAGCT
				1	CTGGACTACGGCCAGGCGTGGGAG
				1	TGGCTATTGAGTTTTTCTTACATGA
				1	AATCCCTGGACAGTACATGGG
				1	TGAACCTGTATTCCGGCGAAACTAG
				1	GAGGAACACCCAAAGAGACGG

Table 8

6651	Table 2	NA	477E1	1	TTTGTCTGGGACTAAAATCAAACCTGC
6652	Table 1	NA	477E6	1	ACTGCAGAGCAGGCTGAGGGTTTCAT
6653	Table 2	NA	477A11	1	TGGAGAGTGTGTGTTATACCATTTTT
6654	Table 1	NA	477D9	1	TACATTGCATCACAATTTTACCATCTAT
6655	Table 1	NA	477D10	1	ATCT
6656	Table 2	NA	480A3	1	TTTGAAGCCCTCATAGAGAAGAGAC
6657	Table 1	NA	480B5	1	TGTAACCATAGAGAAGCCCACTCA
6658	Table 1	NA	480D2	1	AACCTCTCAGTCCATGAGCTTGATTAC
6659	Table 1	NA	480E2	1	TCCATTGTACCATTTTGAAGCCCCA
6660	Table 1	NA	480E3	1	GTGGGTAGCCATTAAAGTGCTCTGGC
6661	Table 1	NA	480F3	1	ACAGAAAGGGACAAGTAGCTTCAAG
6662	Table 1	NA	480G4	1	CTGGTCTGAGTGAGGTCAAGTAA
6663	Table 1	NA	480C8	1	GGCTGTAGATGGAGCGCCCTGGGAA
6664	Table 1	NA	480D9	1	TTTTGATGTACCACTGCTGCATGGC
6665	Table 1	NA	480E7	1	GGCGGACAGAGCTTAGGGGAAT
6666	Table 1	NA	480E11	1	ATTATGATCTGCAAGGGACAACATTT
6667	Table 1	NA	480F8	1	TATTAACAGGAGGGGTGTGTCTT
6668	Table 1	NA	480F11	1	TGATCATGTTTCCCTCTTACTCCAC
6669	Table 3A	NA	499G1	1	GACAGTTTCTATTGTAAACCAGG
6670	Table 1	NA	518F10	1	TTCTGTTGGTATTAAGATGGCAGTT
6671	Table 3A	NA	524A12	1	ATTGCTCCCAAGTGTGTGGGTTCT
6672	Table 1	NA	528B9	1	AGTCTGGCACTTTACTGGGAATT
6673	Table 1	NA	563B5	1	GTCTGTAACTTTAGCAGTGGCG
6674	Table 1	NA	563D6	1	AGGACTTACTATCTTACAGATCT
6675	Table 1	NA	563G8	1	AGAAGTGGTTTCAACATCATTTG
6676	Table 3A	NA	584A1	1	TTTAACAGGCTTATCAGGACATAGG
6677	Table 1	NA	584D3	1	CCCAGAGGGGAGGAGGAGGAAGGC
6678	Table 3A	NA	591H9	1	CTCCAGGCCGAACGAGGCTCCACTC
6679	Table 3A	NA	591H9	1	TGGA TTAAGATCTGTCTATCTTGCA
6680	Table 3A	Hs.6179	591H9	1	GCAGGACTTGTGGCAGGACTCAACG
6681	Table 1	Hs.44577	591H9	1	GGAGAGAAAGGGCTGAACATAAA
6682	Table 3A	Hs.108124	591H9	1	AAGAACATCCCACTTTCCGGTAGG
6683	Table 1	NA	591H9	1	CAAGTGTCAAGTCACTGGACAAT
6684	Table 1	NA	591H9	1	TCGTGTGCTTGTGGGACCCCTGC
6685	Table 1	NA	591H9	1	GCCCTTTAAATAGGCGATATTTTA
6686	Table 1	NA	591H9	1	GCCTATAAAACCTGGTATTAAATGA
6687	Table 1	NA	591H9	1	CAACAGAGAGCTGAGAGAGATTT
6688	Table 1	NA	591H9	1	TCCTGCACACAACAATAAGACAAG
6689	Table 1	NA	591H9	1	AATAAGGGCCACCCTACGATGC
6690	Table 1	NA	591H9	1	ATGTGTGTTCAAATTAACATCATCCA
6691	Table 1	NA	591H9	1	CATGGGGGCGAGCTACAATTTT
6692	Table 1	NA	591H9	1	TATATGAAAGAGCTGGAAAGATTA
6693	Table 1	NA	591H9	1	AGGGTTTGGGAGAGCTGCCGGGT
6694	Table 1	NA	591H9	1	GTTACCTGACGAATGCACTCCTCTG
6695	Table 1	NA	591H9	1	GTGGAATGTCTATGCCCTCTTGAG
6696	Table 1	NA	591H9	1	ACACCAAGCAGTCATAGGGGAAGGG
6697	Table 1	NA	591H9	1	GAATACAGTTAATTGGGTATTTGTT
6698	Table 1	NA	591H9	1	ACTCCCTCCCATCTCTGTGCTTTAGT
6699	Table 1	NA	591H9	1	TGGAAGCAAGCTTTTGGACAACGG
6700	Table 1	NA	591H9	1	TCCAACAAGGGTTACGGGCAAAATTT
6701	Table 1	NA	591H9	1	TGCGAAAGTCTCTTTGGGCTAAA
6702	Table 1	NA	591H9	1	TTGTCTGTCTCAGGCCAAGGATTGTT
6703	Table 1	NA	591H9	1	GTGTGCTCTGATTTGCTGCTTTG
6704	Table 1	NA	591H9	1	GGCCCGGCGATGCTCTGCTTTGTGAG
6705	Table 1	NA	591H9	1	TCCTCATCCAATCCATCTTCATAT
6706	Table 1	NA	591H9	1	GTGGGTTTTTGAACACCTGCAAGCAAG
6707	Table 1	NA	591H9	1	AAGAAATAGTCACTGACTAGGCAAT
6708	Table 1	NA	591H9	1	TTTTTAAGAAAAATCTATTCTTGGG
6709	Table 1	NA	591H9	1	GCATGATGGGGAGATCGCAAGG
6710	Table 1	NA	591H9	1	CAGAGAAGACATGGCAACTGCTCTG
6711	Table 1	NA	591H9	1	TGCTTTCAACCAAGGTGTTCCCG
6712	Table 1	NA	591H9	1	GTATCTTAAGATCATGATGTGTGGTG
6713	Table 1	NA	591H9	1	CATATGTGATTGTGACCAATTCAGT
6714	Table 1	NA	591H9	1	GAGAAATTCGCTGTGATCTATGACAC
6715	Table 1	NA	591H9	1	CAAGGGGTGCTGTGCTGTACTCTCG
6716	Table 1	NA	591H9	1	CTGGGTTTAACTGACCAACTTTGAG
6717	Table 1	NA	591H9	1	AAGGTTGTCTGCTGCTCTTCTGTA
6718	Table 1	NA	591H9	1	GGAAAGCAGGTGAGTGTGCCACAA
6719	Table 1	NA	591H9	1	CTACCTTAACACATCAGCAAACTCTGG

Table 8

6685	Table 1	NA	485A6	1	GTCACCTTTAGC GAGCGGGAAAAACAT GGCGGAAAGGAAAAACCTGGAAAA
6686	Table 1	NA	485D5	1	CGATAAGCTGTGGTGTGGGAGGTGA GAGATGTTACTTTGGGAATGTTTCAA
6687	Table 1	NA	489H9	1	AAAGGCTAGGTTCCGAAGCCCTTC TAAACTATGCTTTGGTGGTACT
6688	Table 2	NA	494B11	1	CTGACCCTCCCGGGCGGAAGATAAA ACAAAACGAGAGGAACAGCAAGA
6689	Table 1	NA	478E5	1	AAGATTGTAAAAATACATTTTAGGCTC AAGAGTCCAGGGGTTCCAGAGC
6690	Table 1	NA	478G6	1	TGCAAGCTGGACCTTCACGTTTATT TTTAAAGGCTTCACATCAAGAT
6691	Table 3A	NA	478H3	1	AAACAAGAGGAAATGAAGAGGGG GGAAAGATGAACATCAGGCTGGGT
6692	Table 1	NA	478C7	1	TCCAAGGATGTTCTGGTGTGGCAGC ATGATTTCTGGTGTAGCTTTTCT
6693	Table 1	NA	478G8	1	TTTGTGGGTGCTGAGAGGGGATTTA TACTCTTGAGCCATATTTTGTGA
6694	Table 1	NA	478H7	1	GGGTTCACAGCATGGGTGGAGGTAA GTAGTATTCTCATTGGTTGGTATT
6695	Table 3A	NA	479B4	1	GACAGTGAAGAAATATGAGATAGA GTCCTTTTGGTCTTGAAGGCGTGA
6696	Table 1	NA	479D2	1	AACAAGCTGAAGACAAGAGGTGAG CTCTGAATGCTGACAGGTGGTCACTC
6697	Table 1	NA	479G2	1	GGCTGACCAGTACAGGCTTGGGAAT TTTATGGTGGGTGGTTTCTACCAA
6698	Table 1	NA	479G3	1	GGGGAGCTATATTACTGATTAACAA CACCATTCTTCACCCAACTTATG
6699	Table 1	NA	479G5	1	AAGTCTGTATTATGAGTACTGGGG CTCTGGGGGATATTGAGATGAGAA
6700	Table 1	NA	479G6	1	AGTCCTGCTGAATGAGTGGTTATAG AAGACTATTGGAGGGCTGATGAG
6701	Table 1	NA	479H4	1	GGAGCTTCCAGTCTAATAGAAAGAT GCACCTTACGAATAGACTTTGGGTA
6702	Table 1	NA	479H5	1	TCTGTGCTCTGTGGACCCCTGACCCT GAGCTCCTCAAGTGTCTGAACCATC
6703	Table 1	NA	479H6	1	TGCTGGCATGTGGATGAGCTTTAGCA AATGGTAGTCATCTCTAATTCT
6704	Table 1	NA	479G12	1	AATGGGAATCTTAAAGGCTCTCTGGA AAGGCTGTGAAGGGGTGCGAGGGG
6705	Table 1	NA	479H12	1	TGCATATTGTCACTGAGTGGCTAGGG TCTCTAAATTATGAACCTTTACA
6706	Table 1	NA	482A5	1	GTGCAACACTAAAAAGGAGATATAT CTTAGAGAGACTGGAATAAGCAACTC
6707	Table 3A	NA	483G5	1	GGAAGGACTCAAACCTGGCCATAAAG GCAATACGGCATGTTCTATACACCA
6708	Table 1	NA	486C4	1	TTTGTGACTATGAATAGTGGTCTG GGTTTAACTCTTTGGGGTCCCT
6709	Table 1	NA	490F10	1	AATTATATTTAGCTGATGGGTGGT GTCTGTAATGCTCTCATTTACAC
6710	Table 1	NA	493C2	1	CTGTGTTCTGTATGGATTTGCATTTG TCCCGGCTCTTTGGGTTTGGTGG
6711	Table 1	NA	58G4	1	TTATGCTCATTAGGACATGAACAA ATGCGAGAGTAAGAAAGTTTGGCC
6712	Table 3A	Hs.169370	DNA sequence from PAC 66H14 on chromosome 6q21-22. Contains FYN (P89-FYN, SYN, SLK) gene coding for two isoforms. Contains ESTs and STSs /cdo=(12,1706) 598H2	1	GGGAATGGACTCATATGCAAGATTGC TGACTTCGATTGGCCCGATTGAT
6713	Table 1	NA	598H2	1	CAACACATGGGACGGGAAGGAAATC CTCCCGTGTGATTTGTTAAAAATA
6714	Table 3A	NA	AA077131 1836605 7B08E10 Chromosome 7 Fetal Brain cDNA Library cDNA clone 7B08E10, mRNA sequence	1	CAGCCACCTCCTCAGGTGACAGCAAG CCGAGCCCTCAAATCAGCATCTCG
6715	Table 3A	NA	AA501725 2236892 ng18e12.s1 NCI_CGAP_Lip2 cDNA clone IMAGE:929806 similar to contains Alu repetitive element, mRNA	1	GGCTTCCCTATTACTCCACAGGAAA TCTGATGCTTCTCTATGGAGTT
6716	Table 3A	NA	AA501934 2236901 nh56a10.s1 NCI_CGAP_Pr8 cDNA clone IMAGE:966346, mRNA sequence	1	TGCTGATGTGTTAGGTAGTTGTGGCA CACTCACCCTGTCTTCTCTAATGC
6717	Table 3A	NA	AA579400 2357584 nf33d05.s1 NCI_CGAP_Pr1 cDNA clone IMAGE:915661 similar to contains Alu repetitive element, contains	1	TTATGCTCAGCAAAACAGCTTTTA GGATGGTGAGAGAAGACAAAGTAA
6718	Table 3A	NA	AF249845 8099620 isolate Siddi 10 hypervariable region I, mitochondrial sequence	1	TATTAACCACTCACGGAGGCTCTCCA TGCAATTGGTATTCTGTCTGGGG

Table 8

6719	db mining	Hs.277051	A1630242	4681572	ad07c09.y1 cDNA /clone=ad07c09- (random)	1	TTACCTGCTTTGCTGCTCTCCATCG TCAAAGTCTCTGGAAAGCTTAGCG CCCCCCCCCAACAGATCAAGCGTTT CCCACCAATCTTGAAGCTGCAAAA TTCAAGGTCCCAATACCAAGTAAGT CGAAGGAAGAATGGAAATCTATT
6720	db mining	Hs.277052	A1630342	4681672	ad08g11.y1 cDNA /clone=ad08g11- (random)	1	TTACCTGCTTTGCTGCTCTCCATCG TCAAAGTCTCTGGAAAGCTTAGCG CCCCCCCCCAACAGATCAAGCGTTT CCCACCAATCTTGAAGCTGCAAAA TTCAAGGTCCCAATACCAAGTAAGT CGAAGGAAGAATGGAAATCTATT
6721	db mining	NA	A1732228	5053341	nf19635.35 NCL CGAP_Prl cDNA clone IMAGE:914240 similar to contains Alu repetitive element, mRNA s	1	TTACCTGCTTTGCTGCTCTCCATCG TCAAAGTCTCTGGAAAGCTTAGCG CCCCCCCCCAACAGATCAAGCGTTT CCCACCAATCTTGAAGCTGCAAAA TTCAAGGTCCCAATACCAAGTAAGT CGAAGGAAGAATGGAAATCTATT
6722	Table 3A	Hs.197803	AW379049	6883708	mRNA for KIAA160 gene, partial cds /cds=(0,2413)	1	TGCACAGAGCTCTTACTTACATGTCT CATCGCAAGCTTCAAGCAACCTGCG TGCATGTATCCCGGTAAATCAATATCC AATTTACAGGCCTGCTGTAATAT
6723	Table 3A	Hs.232000	AW380881	6885540	UI-H810p-abh-h-06-0-UL.s1 cDNA, 3' end /clone=IMAGE:2712035 /clone_end=3'	1	TGCATGTATCCCGGTAAATCAATATCC AATTTACAGGCCTGCTGTAATAT
6724	Table 3A	Hs.325668	AW384988	6889647	602380081f1 cDNA, 5' end /clone=IMAGE:4514972 /clone_end=5'	1	TACAGGAAATGAAACTAGACGGGTG GGGGACACTAGATGAAACAGCTG
6725	Table 3A	NA	AW836389	7930363	PMO-LT0030-101299-001-f08 LT0030 cDNA, mRNA sequence	1	AGTTTCTGCTTTGCTGCTCTGAGCT TTGCTTTAACTTGGTGAAGCTCCGAA TCCCAGCTTCAAGTTAAGCAACCAAGC AATCACTAATCTTGAGGACACAGGA CATGAGTGGGGGAGCTGGTGTCTTCT AGTGTGTGGAGGAAGCAGAGCATGT TCCACACAGATGGGAAGATGTTTCC TGAAACAGCTCTTAAATACACAGA CAGACGCTCCAGCTGTGAGTGAAGT AGTGTGTATTATAGCTGTAATGA CCCTTTAGGCTCTTGTCCGGAACAGT GAACACTAATAGATCTTAACTGCT ATGAGGAGCATGCTTTTATTTTCTCTA TATAATGGCCAGCTGTGTTCCCA AGCTGTAGACCAATAGGCCACTTTCAG GTAGTGGTTTGGGAATCAAGCAA TGACTACTTATGCTGTCTCTTACCTG CCCCAGCTCTTGAAGTGTGGGA TGAGGCTGTGGGAGCAAGAAGA ACATCTGTATTGGGGCAGAGAAGAA
6726	Table 3A	NA	AW837717	7931691	CM2-LT0042-281299-062-e11 LT0042 cDNA, mRNA sequence	1	AGTTTCTGCTTTGCTGCTCTGAGCT TTGCTTTAACTTGGTGAAGCTCCGAA TCCCAGCTTCAAGTTAAGCAACCAAGC AATCACTAATCTTGAGGACACAGGA CATGAGTGGGGGAGCTGGTGTCTTCT AGTGTGTGGAGGAAGCAGAGCATGT TCCACACAGATGGGAAGATGTTTCC TGAAACAGCTCTTAAATACACAGA CAGACGCTCCAGCTGTGAGTGAAGT AGTGTGTATTATAGCTGTAATGA CCCTTTAGGCTCTTGTCCGGAACAGT GAACACTAATAGATCTTAACTGCT ATGAGGAGCATGCTTTTATTTTCTCTA TATAATGGCCAGCTGTGTTCCCA AGCTGTAGACCAATAGGCCACTTTCAG GTAGTGGTTTGGGAATCAAGCAA TGACTACTTATGCTGTCTCTTACCTG CCCCAGCTCTTGAAGTGTGGGA TGAGGCTGTGGGAGCAAGAAGA ACATCTGTATTGGGGCAGAGAAGAA
6727	Table 3A	NA	AW837808	7931782	CM1-LT0042-100300-140-f05 LT0042 cDNA, mRNA sequence	1	AGTTTCTGCTTTGCTGCTCTGAGCT TTGCTTTAACTTGGTGAAGCTCCGAA TCCCAGCTTCAAGTTAAGCAACCAAGC AATCACTAATCTTGAGGACACAGGA CATGAGTGGGGGAGCTGGTGTCTTCT AGTGTGTGGAGGAAGCAGAGCATGT TCCACACAGATGGGAAGATGTTTCC TGAAACAGCTCTTAAATACACAGA CAGACGCTCCAGCTGTGAGTGAAGT AGTGTGTATTATAGCTGTAATGA CCCTTTAGGCTCTTGTCCGGAACAGT GAACACTAATAGATCTTAACTGCT ATGAGGAGCATGCTTTTATTTTCTCTA TATAATGGCCAGCTGTGTTCCCA AGCTGTAGACCAATAGGCCACTTTCAG GTAGTGGTTTGGGAATCAAGCAA TGACTACTTATGCTGTCTCTTACCTG CCCCAGCTCTTGAAGTGTGGGA TGAGGCTGTGGGAGCAAGAAGA ACATCTGTATTGGGGCAGAGAAGAA
6728	Table 3A	NA	AW842489	7936472	PM4-CN0032-050200-002-c11 CN0032 cDNA, mRNA sequence	1	AGTTTCTGCTTTGCTGCTCTGAGCT TTGCTTTAACTTGGTGAAGCTCCGAA TCCCAGCTTCAAGTTAAGCAACCAAGC AATCACTAATCTTGAGGACACAGGA CATGAGTGGGGGAGCTGGTGTCTTCT AGTGTGTGGAGGAAGCAGAGCATGT TCCACACAGATGGGAAGATGTTTCC TGAAACAGCTCTTAAATACACAGA CAGACGCTCCAGCTGTGAGTGAAGT AGTGTGTATTATAGCTGTAATGA CCCTTTAGGCTCTTGTCCGGAACAGT GAACACTAATAGATCTTAACTGCT ATGAGGAGCATGCTTTTATTTTCTCTA TATAATGGCCAGCTGTGTTCCCA AGCTGTAGACCAATAGGCCACTTTCAG GTAGTGGTTTGGGAATCAAGCAA TGACTACTTATGCTGTCTCTTACCTG CCCCAGCTCTTGAAGTGTGGGA TGAGGCTGTGGGAGCAAGAAGA ACATCTGTATTGGGGCAGAGAAGAA
6729	Table 3A	NA	AW846856	7942373	QV3-CT0195-011099-001-c09 CT0195 cDNA, mRNA sequence	1	AGTTTCTGCTTTGCTGCTCTGAGCT TTGCTTTAACTTGGTGAAGCTCCGAA TCCCAGCTTCAAGTTAAGCAACCAAGC AATCACTAATCTTGAGGACACAGGA CATGAGTGGGGGAGCTGGTGTCTTCT AGTGTGTGGAGGAAGCAGAGCATGT TCCACACAGATGGGAAGATGTTTCC TGAAACAGCTCTTAAATACACAGA CAGACGCTCCAGCTGTGAGTGAAGT AGTGTGTATTATAGCTGTAATGA CCCTTTAGGCTCTTGTCCGGAACAGT GAACACTAATAGATCTTAACTGCT ATGAGGAGCATGCTTTTATTTTCTCTA TATAATGGCCAGCTGTGTTCCCA AGCTGTAGACCAATAGGCCACTTTCAG GTAGTGGTTTGGGAATCAAGCAA TGACTACTTATGCTGTCTCTTACCTG CCCCAGCTCTTGAAGTGTGGGA TGAGGCTGTGGGAGCAAGAAGA ACATCTGTATTGGGGCAGAGAAGAA
6730	Table 3A	NA	AW856490	7952183	PM4-CT0290-271099-001-c04 CT0290 cDNA, mRNA sequence	1	AGTTTCTGCTTTGCTGCTCTGAGCT TTGCTTTAACTTGGTGAAGCTCCGAA TCCCAGCTTCAAGTTAAGCAACCAAGC AATCACTAATCTTGAGGACACAGGA CATGAGTGGGGGAGCTGGTGTCTTCT AGTGTGTGGAGGAAGCAGAGCATGT TCCACACAGATGGGAAGATGTTTCC TGAAACAGCTCTTAAATACACAGA CAGACGCTCCAGCTGTGAGTGAAGT AGTGTGTATTATAGCTGTAATGA CCCTTTAGGCTCTTGTCCGGAACAGT GAACACTAATAGATCTTAACTGCT ATGAGGAGCATGCTTTTATTTTCTCTA TATAATGGCCAGCTGTGTTCCCA AGCTGTAGACCAATAGGCCACTTTCAG GTAGTGGTTTGGGAATCAAGCAA TGACTACTTATGCTGTCTCTTACCTG CCCCAGCTCTTGAAGTGTGGGA TGAGGCTGTGGGAGCAAGAAGA ACATCTGTATTGGGGCAGAGAAGAA
6731	Table 3A	NA	AW891344	8055549	PM2-NT0079-030500-001-a04 NT0079 cDNA, mRNA sequence	1	AGTTTCTGCTTTGCTGCTCTGAGCT TTGCTTTAACTTGGTGAAGCTCCGAA TCCCAGCTTCAAGTTAAGCAACCAAGC AATCACTAATCTTGAGGACACAGGA CATGAGTGGGGGAGCTGGTGTCTTCT AGTGTGTGGAGGAAGCAGAGCATGT TCCACACAGATGGGAAGATGTTTCC TGAAACAGCTCTTAAATACACAGA CAGACGCTCCAGCTGTGAGTGAAGT AGTGTGTATTATAGCTGTAATGA CCCTTTAGGCTCTTGTCCGGAACAGT GAACACTAATAGATCTTAACTGCT ATGAGGAGCATGCTTTTATTTTCTCTA TATAATGGCCAGCTGTGTTCCCA AGCTGTAGACCAATAGGCCACTTTCAG GTAGTGGTTTGGGAATCAAGCAA TGACTACTTATGCTGTCTCTTACCTG CCCCAGCTCTTGAAGTGTGGGA TGAGGCTGTGGGAGCAAGAAGA ACATCTGTATTGGGGCAGAGAAGAA
6732	Table 3A	NA	BE061115	8405765	QV0-BT0041-011199-039-f09 BT0041 cDNA, mRNA sequence	1	AGTTTCTGCTTTGCTGCTCTGAGCT TTGCTTTAACTTGGTGAAGCTCCGAA TCCCAGCTTCAAGTTAAGCAACCAAGC AATCACTAATCTTGAGGACACAGGA CATGAGTGGGGGAGCTGGTGTCTTCT AGTGTGTGGAGGAAGCAGAGCATGT TCCACACAGATGGGAAGATGTTTCC TGAAACAGCTCTTAAATACACAGA CAGACGCTCCAGCTGTGAGTGAAGT AGTGTGTATTATAGCTGTAATGA CCCTTTAGGCTCTTGTCCGGAACAGT GAACACTAATAGATCTTAACTGCT ATGAGGAGCATGCTTTTATTTTCTCTA TATAATGGCCAGCTGTGTTCCCA AGCTGTAGACCAATAGGCCACTTTCAG GTAGTGGTTTGGGAATCAAGCAA TGACTACTTATGCTGTCTCTTACCTG CCCCAGCTCTTGAAGTGTGGGA TGAGGCTGTGGGAGCAAGAAGA ACATCTGTATTGGGGCAGAGAAGAA
6733	Table 3A	NA	BE080670	8478469	PM2-BT0672-130400-006-h09 BT0672 cDNA, mRNA sequence	1	AGTTTCTGCTTTGCTGCTCTGAGCT TTGCTTTAACTTGGTGAAGCTCCGAA TCCCAGCTTCAAGTTAAGCAACCAAGC AATCACTAATCTTGAGGACACAGGA CATGAGTGGGGGAGCTGGTGTCTTCT AGTGTGTGGAGGAAGCAGAGCATGT TCCACACAGATGGGAAGATGTTTCC TGAAACAGCTCTTAAATACACAGA CAGACGCTCCAGCTGTGAGTGAAGT AGTGTGTATTATAGCTGTAATGA CCCTTTAGGCTCTTGTCCGGAACAGT GAACACTAATAGATCTTAACTGCT ATGAGGAGCATGCTTTTATTTTCTCTA TATAATGGCCAGCTGTGTTCCCA AGCTGTAGACCAATAGGCCACTTTCAG GTAGTGGTTTGGGAATCAAGCAA TGACTACTTATGCTGTCTCTTACCTG CCCCAGCTCTTGAAGTGTGGGA TGAGGCTGTGGGAGCAAGAAGA ACATCTGTATTGGGGCAGAGAAGAA
6734	Table 3A	NA	BE091932	8482384	IL2-BT0733-130400-068-C11 BT0733 cDNA, mRNA sequence	1	AGTTTCTGCTTTGCTGCTCTGAGCT TTGCTTTAACTTGGTGAAGCTCCGAA TCCCAGCTTCAAGTTAAGCAACCAAGC AATCACTAATCTTGAGGACACAGGA CATGAGTGGGGGAGCTGGTGTCTTCT AGTGTGTGGAGGAAGCAGAGCATGT TCCACACAGATGGGAAGATGTTTCC TGAAACAGCTCTTAAATACACAGA CAGACGCTCCAGCTGTGAGTGAAGT AGTGTGTATTATAGCTGTAATGA CCCTTTAGGCTCTTGTCCGGAACAGT GAACACTAATAGATCTTAACTGCT ATGAGGAGCATGCTTTTATTTTCTCTA TATAATGGCCAGCTGTGTTCCCA AGCTGTAGACCAATAGGCCACTTTCAG GTAGTGGTTTGGGAATCAAGCAA TGACTACTTATGCTGTCTCTTACCTG CCCCAGCTCTTGAAGTGTGGGA TGAGGCTGTGGGAGCAAGAAGA ACATCTGTATTGGGGCAGAGAAGAA
6735	Table 3A	Hs.173334	BE160822	8623543	ELL-RELATED RNA POLYMERASE II, ELONGATION FACTOR (ELL2), mRNA /cds=(0, 1922)	1	GCATCTCCAGCTTATCATGATTACCCA ACCTGTAAACAGAGAGATGTGCTG
6736	Table 3A	NA	BE163106	8625827	QV3-HT0457-060400-146-h10 HT0457 cDNA, mRNA sequence	1	GGCCAGTGCCACGACGGTAGTACTGTT GGATGCTCAAAAGGTAGATTTAGATA GGCATGTAGGTGTGACACCAAGCAAG ACTCAGAGTGAGTTGAGCATTTGGA
6737	Table 3A	Hs.301497	BE166334	8631159	arginine-RNA-protein transferase 1-1p (ATE1) mRNA, alternatively spliced product, partial cds /cds=(0, 1544)	1	GGCCAGTGCCACGACGGTAGTACTGTT GGATGCTCAAAAGGTAGATTTAGATA GGCATGTAGGTGTGACACCAAGCAAG ACTCAGAGTGAGTTGAGCATTTGGA
6738	Table 3A	Hs.172780	BE176373	8639102	60234016F1 cDNA, 5' end /clone=IMAGE:4453466 /clone_end=5'	1	AGGCCATTTGGATATGGCCATCTTTT ACCTAATGGCTACTATAGTGAGGT
6739	Table 3A	NA	BE177661	8656813	RC1-HT0598-020300-011-h02 HT0598 cDNA, mRNA sequence	1	AATCAGCAGAGTAAGTCCAGTAGGGA AAGATTTCTCAAAAGGTAGATTTTCT AATGGTTCAGGCATGAGTGAATCAAA GTCTGTATGATGTACACAGAGA TACCTGAAGGTGTAGAGATGTGCCG CATCCAGCAAGGCCACAGACTCCAC
6740	Table 3A	NA	BE178880	8658032	PM1-HT0609-060300-001-g03 HT0609 cDNA, mRNA sequence	1	AATCAGCAGAGTAAGTCCAGTAGGGA AAGATTTCTCAAAAGGTAGATTTTCT AATGGTTCAGGCATGAGTGAATCAAA GTCTGTATGATGTACACAGAGA TACCTGAAGGTGTAGAGATGTGCCG CATCCAGCAAGGCCACAGACTCCAC
6741	Table 3A	NA	BE247056	9098807	TCBAP1D6404 Pediatric pre-B cell acute lymphoblastic leukemia Baylor- HGSC project=TCBA cDNA clone T mRNA; cDNA DKFZp43C0118 (from clone DKFZp43C0118); partial cds /cds=(0, 1644)	1	CTGTGTTTTTCCCAAGCAACATTTT AAACAAGGTGAGAGCCACTGACA
6742	Table 3A	Hs.11050	BE763412	10193336	RC3-BT0333-010800-115-f11 BT0333 cDNA, mRNA sequence	1	GACTCCGAGCTCAAGTCAAGTCTGTAC CCCCACCCCTACAGCAGCTGCATC TGTAGTCAAGTCTTGTATGATCAAGT TCTTGCTTTACTGAGTGGCTGA TCTCTACCAACCAAGTCTTACTTCA GGACACGACCAAGCTCAGCCCAAGG AACTCTTGTTAAATGGGTTAATAGA GGATTGGACAACTTTGTTGCTGT AGAAGCAACCTGTGAAGCTCATCT GTTTATCATCAGTGTGAATGCACT GGACTCAAGCTTCAAGCTGCTGCTAC TTCAGCTGCTTCTATGATGACACT AGCTTCCACCCAGCATATGATATCAC ACAAACAGCTCTGTTTACTCTCTG TTAGCTGGTACATTTGTCAGAGTTTA CTGGGAGCCGGTAAGATGATCACC AGCGTGATGCTTCTCATCTGTCGGTGA TTTTCTTGAGACACTCTCAAGC CAGGGGTAAACAAAGATGTGAATTCA ATTCTTTTATGTGTCGACCAATGTT CCT
6743	Table 3A	NA	BF330908	11301656	RC3-BT0333-010800-115-f11 BT0333 cDNA, mRNA sequence	1	GACTCCGAGCTCAAGTCAAGTCTGTAC CCCCACCCCTACAGCAGCTGCATC TGTAGTCAAGTCTTGTATGATCAAGT TCTTGCTTTACTGAGTGGCTGA TCTCTACCAACCAAGTCTTACTTCA GGACACGACCAAGCTCAGCCCAAGG AACTCTTGTTAAATGGGTTAATAGA GGATTGGACAACTTTGTTGCTGT AGAAGCAACCTGTGAAGCTCATCT GTTTATCATCAGTGTGAATGCACT GGACTCAAGCTTCAAGCTGCTGCTAC TTCAGCTGCTTCTATGATGACACT AGCTTCCACCCAGCATATGATATCAC ACAAACAGCTCTGTTTACTCTCTG TTAGCTGGTACATTTGTCAGAGTTTA CTGGGAGCCGGTAAGATGATCACC AGCGTGATGCTTCTCATCTGTCGGTGA TTTTCTTGAGACACTCTCAAGC CAGGGGTAAACAAAGATGTGAATTCA ATTCTTTTATGTGTCGACCAATGTT CCT
6744	Table 3A	NA	BF357523	11316597	CM2-HT0645-150900-379-g08 HT0645 cDNA, mRNA sequence	1	GACTCCGAGCTCAAGTCAAGTCTGTAC CCCCACCCCTACAGCAGCTGCATC TGTAGTCAAGTCTTGTATGATCAAGT TCTTGCTTTACTGAGTGGCTGA TCTCTACCAACCAAGTCTTACTTCA GGACACGACCAAGCTCAGCCCAAGG AACTCTTGTTAAATGGGTTAATAGA GGATTGGACAACTTTGTTGCTGT AGAAGCAACCTGTGAAGCTCATCT GTTTATCATCAGTGTGAATGCACT GGACTCAAGCTTCAAGCTGCTGCTAC TTCAGCTGCTTCTATGATGACACT AGCTTCCACCCAGCATATGATATCAC ACAAACAGCTCTGTTTACTCTCTG TTAGCTGGTACATTTGTCAGAGTTTA CTGGGAGCCGGTAAGATGATCACC AGCGTGATGCTTCTCATCTGTCGGTGA TTTTCTTGAGACACTCTCAAGC CAGGGGTAAACAAAGATGTGAATTCA ATTCTTTTATGTGTCGACCAATGTT CCT
6745	Table 3A	NA	BF364413	11328438	RC6-NN1068-070600-011-B01 NN1068 cDNA, mRNA sequence	1	GACTCCGAGCTCAAGTCAAGTCTGTAC CCCCACCCCTACAGCAGCTGCATC TGTAGTCAAGTCTTGTATGATCAAGT TCTTGCTTTACTGAGTGGCTGA TCTCTACCAACCAAGTCTTACTTCA GGACACGACCAAGCTCAGCCCAAGG AACTCTTGTTAAATGGGTTAATAGA GGATTGGACAACTTTGTTGCTGT AGAAGCAACCTGTGAAGCTCATCT GTTTATCATCAGTGTGAATGCACT GGACTCAAGCTTCAAGCTGCTGCTAC TTCAGCTGCTTCTATGATGACACT AGCTTCCACCCAGCATATGATATCAC ACAAACAGCTCTGTTTACTCTCTG TTAGCTGGTACATTTGTCAGAGTTTA CTGGGAGCCGGTAAGATGATCACC AGCGTGATGCTTCTCATCTGTCGGTGA TTTTCTTGAGACACTCTCAAGC CAGGGGTAAACAAAGATGTGAATTCA ATTCTTTTATGTGTCGACCAATGTT CCT
6746	Table 3A	NA	BF373636	11335663	MRO-F0176-040900-202-g09 FT0176 cDNA, mRNA sequence	1	GACTCCGAGCTCAAGTCAAGTCTGTAC CCCCACCCCTACAGCAGCTGCATC TGTAGTCAAGTCTTGTATGATCAAGT TCTTGCTTTACTGAGTGGCTGA TCTCTACCAACCAAGTCTTACTTCA GGACACGACCAAGCTCAGCCCAAGG AACTCTTGTTAAATGGGTTAATAGA GGATTGGACAACTTTGTTGCTGT AGAAGCAACCTGTGAAGCTCATCT GTTTATCATCAGTGTGAATGCACT GGACTCAAGCTTCAAGCTGCTGCTAC TTCAGCTGCTTCTATGATGACACT AGCTTCCACCCAGCATATGATATCAC ACAAACAGCTCTGTTTACTCTCTG TTAGCTGGTACATTTGTCAGAGTTTA CTGGGAGCCGGTAAGATGATCACC AGCGTGATGCTTCTCATCTGTCGGTGA TTTTCTTGAGACACTCTCAAGC CAGGGGTAAACAAAGATGTGAATTCA ATTCTTTTATGTGTCGACCAATGTT CCT
6747	Table 3A	NA	BF740663	12067339	QV1-HB0031-071200-562-h04 HB0031 cDNA, mRNA sequence	1	GACTCCGAGCTCAAGTCAAGTCTGTAC CCCCACCCCTACAGCAGCTGCATC TGTAGTCAAGTCTTGTATGATCAAGT TCTTGCTTTACTGAGTGGCTGA TCTCTACCAACCAAGTCTTACTTCA GGACACGACCAAGCTCAGCCCAAGG AACTCTTGTTAAATGGGTTAATAGA GGATTGGACAACTTTGTTGCTGT AGAAGCAACCTGTGAAGCTCATCT GTTTATCATCAGTGTGAATGCACT GGACTCAAGCTTCAAGCTGCTGCTAC TTCAGCTGCTTCTATGATGACACT AGCTTCCACCCAGCATATGATATCAC ACAAACAGCTCTGTTTACTCTCTG TTAGCTGGTACATTTGTCAGAGTTTA CTGGGAGCCGGTAAGATGATCACC AGCGTGATGCTTCTCATCTGTCGGTGA TTTTCTTGAGACACTCTCAAGC CAGGGGTAAACAAAGATGTGAATTCA ATTCTTTTATGTGTCGACCAATGTT CCT
6748	Table 3A	NA	BF749089	12075765	MR2-BN0386-051000-014-b04 BN0386 cDNA, mRNA sequence	1	GACTCCGAGCTCAAGTCAAGTCTGTAC CCCCACCCCTACAGCAGCTGCATC TGTAGTCAAGTCTTGTATGATCAAGT TCTTGCTTTACTGAGTGGCTGA TCTCTACCAACCAAGTCTTACTTCA GGACACGACCAAGCTCAGCCCAAGG AACTCTTGTTAAATGGGTTAATAGA GGATTGGACAACTTTGTTGCTGT AGAAGCAACCTGTGAAGCTCATCT GTTTATCATCAGTGTGAATGCACT GGACTCAAGCTTCAAGCTGCTGCTAC TTCAGCTGCTTCTATGATGACACT AGCTTCCACCCAGCATATGATATCAC ACAAACAGCTCTGTTTACTCTCTG TTAGCTGGTACATTTGTCAGAGTTTA CTGGGAGCCGGTAAGATGATCACC AGCGTGATGCTTCTCATCTGTCGGTGA TTTTCTTGAGACACTCTCAAGC CAGGGGTAAACAAAGATGTGAATTCA ATTCTTTTATGTGTCGACCAATGTT CCT
6749	Table 3A	NA	BF758480	12106380	MR4-CT0539-141100-003-d05 CT0539 cDNA, mRNA sequence	1	GACTCCGAGCTCAAGTCAAGTCTGTAC CCCCACCCCTACAGCAGCTGCATC TGTAGTCAAGTCTTGTATGATCAAGT TCTTGCTTTACTGAGTGGCTGA TCTCTACCAACCAAGTCTTACTTCA GGACACGACCAAGCTCAGCCCAAGG AACTCTTGTTAAATGGGTTAATAGA GGATTGGACAACTTTGTTGCTGT AGAAGCAACCTGTGAAGCTCATCT GTTTATCATCAGTGTGAATGCACT GGACTCAAGCTTCAAGCTGCTGCTAC TTCAGCTGCTTCTATGATGACACT AGCTTCCACCCAGCATATGATATCAC ACAAACAGCTCTGTTTACTCTCTG TTAGCTGGTACATTTGTCAGAGTTTA CTGGGAGCCGGTAAGATGATCACC AGCGTGATGCTTCTCATCTGTCGGTGA TTTTCTTGAGACACTCTCAAGC CAGGGGTAAACAAAGATGTGAATTCA ATTCTTTTATGTGTCGACCAATGTT CCT
6750	Table 3A	NA	BF773126	12121026	CM3-TT0048-151200-568-f08 TT0048 cDNA, mRNA sequence	1	GACTCCGAGCTCAAGTCAAGTCTGTAC CCCCACCCCTACAGCAGCTGCATC TGTAGTCAAGTCTTGTATGATCAAGT TCTTGCTTTACTGAGTGGCTGA TCTCTACCAACCAAGTCTTACTTCA GGACACGACCAAGCTCAGCCCAAGG AACTCTTGTTAAATGGGTTAATAGA GGATTGGACAACTTTGTTGCTGT AGAAGCAACCTGTGAAGCTCATCT GTTTATCATCAGTGTGAATGCACT GGACTCAAGCTTCAAGCTGCTGCTAC TTCAGCTGCTTCTATGATGACACT AGCTTCCACCCAGCATATGATATCAC ACAAACAGCTCTGTTTACTCTCTG TTAGCTGGTACATTTGTCAGAGTTTA CTGGGAGCCGGTAAGATGATCACC AGCGTGATGCTTCTCATCTGTCGGTGA TTTTCTTGAGACACTCTCAAGC CAGGGGTAAACAAAGATGTGAATTCA ATTCTTTTATGTGTCGACCAATGTT CCT
6751	Table 3A	NA	BF773393	12121293	CM2-TT0039-191200-638-h02 TT0039 cDNA, mRNA sequence	1	GACTCCGAGCTCAAGTCAAGTCTGTAC CCCCACCCCTACAGCAGCTGCATC TGTAGTCAAGTCTTGTATGATCAAGT TCTTGCTTTACTGAGTGGCTGA TCTCTACCAACCAAGTCTTACTTCA GGACACGACCAAGCTCAGCCCAAGG AACTCTTGTTAAATGGGTTAATAGA GGATTGGACAACTTTGTTGCTGT AGAAGCAACCTGTGAAGCTCATCT GTTTATCATCAGTGTGAATGCACT GGACTCAAGCTTCAAGCTGCTGCTAC TTCAGCTGCTTCTATGATGACACT AGCTTCCACCCAGCATATGATATCAC ACAAACAGCTCTGTTTACTCTCTG TTAGCTGGTACATTTGTCAGAGTTTA CTGGGAGCCGGTAAGATGATCACC AGCGTGATGCTTCTCATCTGTCGGTGA TTTTCTTGAGACACTCTCAAGC CAGGGGTAAACAAAGATGTGAATTCA ATTCTTTTATGTGTCGACCAATGTT CCT
6752	Table 3A	NA	BF805164	12134153	QV1-C10173-081100-456-f03 C10173 cDNA, mRNA sequence	1	GACTCCGAGCTCAAGTCAAGTCTGTAC CCCCACCCCTACAGCAGCTGCATC TGTAGTCAAGTCTTGTATGATCAAGT TCTTGCTTTACTGAGTGGCTGA TCTCTACCAACCAAGTCTTACTTCA GGACACGACCAAGCTCAGCCCAAGG AACTCTTGTTAAATGGGTTAATAGA GGATTGGACAACTTTGTTGCTGT AGAAGCAACCTGTGAAGCTCATCT GTTTATCATCAGTGTGAATGCACT GGACTCAAGCTTCAAGCTGCTGCTAC TTCAGCTGCTTCTATGATGACACT AGCTTCCACCCAGCATATGATATCAC ACAAACAGCTCTGTTTACTCTCTG TTAGCTGGTACATTTGTCAGAGTTTA CTGGGAGCCGGTAAGATGATCACC AGCGTGATGCTTCTCATCTGTCGGTGA TTTTCTTGAGACACTCTCAAGC CAGGGGTAAACAAAGATGTGAATTCA ATTCTTTTATGTGTCGACCAATGTT CCT
6753	Table 3A	NA	BF818594	12156027	MR3-C10184-201200-009-a04 C10184 cDNA, mRNA sequence	1	GACTCCGAGCTCAAGTCAAGTCTGTAC CCCCACCCCTACAGCAGCTGCATC TGTAGTCAAGTCTTGTATGATCAAGT TCTTGCTTTACTGAGTGGCTGA TCTCTACCAACCAAGTCTTACTTCA GGACACGACCAAGCTCAGCCCAAGG AACTCTTGTTAAATGGGTTAATAGA GGATTGGACAACTTTGTTGCTGT AGAAGCAACCTGTGAAGCTCATCT GTTTATCATCAGTGTGAATGCACT GGACTCAAGCTTCAAGCTGCTGCTAC TTCAGCTGCTTCTATGATGACACT AGCTTCCACCCAGCATATGATATCAC ACAAACAGCTCTGTTTACTCTCTG TTAGCTGGTACATTTGTCAGAGTTTA CTGGGAGCCGGTAAGATGATCACC AGCGTGATGCTTCTCATCTGTCGGTGA TTTTCTTGAGACACTCTCAAGC CAGGGGTAAACAAAGATGTGAATTCA ATTCTTTTATGTGTCGACCAATGTT CCT

Table 8

6754	Table 3A	NA	BF827734	12171909	RC6-HN0025-041200-022-F08 HN0025 cDNA, mRNA sequence	1	GTGATCCACTGTGGAGCTGCTACTGGT CCCATTGAAGTCCTATAGTACTTCA
6755	Table 3A	NA	BF945167	12201450	RC5-HT1035-271200-012-F08 HT1035 cDNA, mRNA sequence	1	TGCCATTGAATCTCTTAATTCTCAG AAGATCTCAAGGAGGGTCCCGTGT
6756	Table 3A	NA	BF869167	12269297	IL5-ET0119-181000-181-b11 ET0119 cDNA, mRNA sequence	1	CCGACCTCGCAAAATCTCAGAGTGTGA CCCTAGTCATCTTTCTCTTTTGG
6757	Table 3A	NA	BF875575	12265705	QV3-ET0100-111100-391-c02 ET0100 cDNA, mRNA sequence	1	GCTAAACAGAAAGAACCTGAAGTAC AGTTCCTCCCTCTCAAGAGATGC
6758	Table 3A	NA	BF877979	12268109	MR0-ET0109-171100-001-b02 ET0109 cDNA, mRNA sequence	1	ATCCTCTCCCTCGGATGSCATAGA AGAGACTTTAAACCAAAATGAGCC
6759	Table 3A	NA	BF897042	12288501	IL2-MT0179-271100-254-C11 MT0179 cDNA, mRNA sequence	1	GTCAGTAGAGCTCGCCGCGCAAGAG ACACAGCTGAGAGGTGTCCACAGTC
6760	Table 3A	NA	BF898285	12289744	QV1-MT0229-281100-508-e11 MT0229 cDNA, mRNA sequence	1	GTTCCTCACTTAGTACTTCTCCTACC TGCTGTGAAGCTCTTGCAACCTGC
6761	Table 3A	NA	BF899464	12290923	IL5-MT0211-011200-317-103 MT0211 cDNA, mRNA sequence	1	AGAGTAATCCACATCCGAGGGACAGT CACAAATGACCTACGCTTTAGTGT
6762	Table 3A	NA	BF904425	12295884	CM1-MT0245-211200-802-d02 MT0245 cDNA, mRNA sequence	1	GCAGGGCTACAGGAAGTCTGAGAT TTTGGTCTGTAGGCTGCATTTGG
6763	Table 3A	NA	BF906114	12297573	IL3-MT0267-281200-425-A05 MT0267 cDNA, mRNA sequence	1	TTCTCTCTAAATGCCCTCTCTCTCT CCTTTTCCGAGACTGGTTTAA
6764	Table 3A	NA	BF926187	12323197	CM2-NT0193-301100-562-c07 NT0193 cDNA, mRNA sequence	1	TGCGCAATTTGTAGTTTCCACAGTGAC TGCTCTCTTATTTACGAGCCAC
6765	Table 3A	NA	BF926544	12326772	QV3-NT0216-061200-517-g03 NT0216 cDNA, mRNA sequence	1	GTAGATCTATGAGACAGCAGACGCT CTGCTCCGACCCAGCTGTGGTGTG
6766	Table 3A	NA	BG006820	12450386	RC4-GN0227-271100-011-d03 GN0227 cDNA, mRNA sequence	1	TTTCTTTTTCGGTGACITCTTCACTCA CTGTCTGTCTCTCATTTTCTCTCA
6767	Table 3A	NA	F11941	706280	HSC33F051 normalized infant brain cDNA cDNA clone c-33B5, mRNA sequence	1	TGTAAGTCTTCTGCAATTTGTGAGAC AGGGGAATATCTCAACAGTAGT
6768	Table 3A	NA	U46388	1238904	HSU46388 Human pancreatic cancer cell line Patu 89881 cDNA clone xs425, mRNA sequence	1	CCATGGTGGTGTCTGACTTTTGCTTTG GGGCTTAATCCTAGTATCATTTGG
6769	Table 3A	NA	U75805	1938265	HSU75805 Human cDNA clone f46, mRNA sequence	1	TCAGTGGGTGTTGGTTGTCATTAGT TGAGACTTAGTTGTGCTCTGGGA
6770	Table 3A	NA	W27856	1307658	38F10 Human retina cDNA randomly primed sublibrary cDNA, mRNA sequence	1	GGCTGGACAGCAGATGATTCAATCT CAATACATACATGCCAATCTGTGG
6771	Table 3A	NA			36G5	-1	CAGGATGGAACAAGACTCCAGCCCC TGCTGCTCTCATGTATCTGCAAGGG
6772	Table 3A	NA			36F11	-1	CTTCAGTCGGTACACAGAGCTCAACGT TAGTGCCAGGAAGACAACTACTC
6773	Table 1	NA			37G7	-1	ACTCGTATGCGCAACTCTTCTGTCTTC ACTACTAGAGTGATGATTGGACTC
6774	Table 1	NA			37G8	-1	TGAGCTGCAAGCTGACTCGAAGTTAT GTGGCTTAATGATGAAGTCAAGC
6775	Table 3A	His.197345			thyroid autoantigen 70kD (Ku antigen) (G22P1), mRNA /cds=(17, 1846)	-1	ACTGTTCTCATTTTGTTCGCAATAGAG CTTTATTGAGGAGGCTTGAGAGC
6776	Table 1	NA			40E4	-1	ACCATCTCTCTTAATCCTCACAAGTGA TCCTGGAGCAATGTGTGCACTTCT
6777	Table 3A	NA			41E9	-1	CATCACTGCTCACTACAGGAACAGAG AGTACTGGGAACGTGTCCGTTACT
6778	Table 3A	His.168478			Homo sapiens, glyceraldehyde-3- phosphate dehydrogenase, clone MGc-10928 IMAGE3628129, mRNA, complete cds /cds=(2306, 3313) 47E5	-1	CTATTGCTGATGATCTTGAGGCTGTT GTGGAACCTCTCATGGTTCAACAC
6779	Table 3A	NA			47D11	-1	TGGCACCACGCTGATTATTTCTCTTTT CAATCCGAGCCTATACACCTCC
6780	Table 2	NA			50A11	-1	GCTGCTCTGCTTCCCAATATCCATGA CCTTGACTGATGACAGGTCTCAGG
6781	Table 1	NA				-1	AGGCGCTTTTATTTGTCTGTTAGATA CACTGCTTCTGATATCTGCTGGA
6782	Table 3A	His.132906			DNA sequence from clone RP11- 404F10 on chromosome 1q23.1-24.1. Contains the 5' end of the SLAM gene for signaling lymphocytic activation molecule, a SET (SET translocation (myeloid leukemia-associated)) protein pseudogene, the CD48 gene for CD48 antigen (B-cell membrane protein), the gene for a novel LY9 (lymphocyte antigen 9) like protein and the 5' end of the LY9 gene. Contains ESTs, STS and GSSs /cds=(41, 1049)	-1	CCCGTCGCCACAGCTCACTGCC TGACTCCAGTCTGTAGACAGAT
6783	Table 1	NA			52B9	-1	AGCGATGAAGCTGTGCAAAAGAAATTT TCCAGAGCATTTTCCATTAACCA
6784	Table 1	NA			53B1	-1	CCATATTTCTGTTGCCAGCCAGGTG CTGCACCTCCCGACTCTTTTAGTG
6785	Table 1	NA			53E3	-1	AAATGCTTTAAAGGAACAATATATGTC CCTTCGAGGACAGTGATTGCTTT

Table 8

6786	Table 1	NA	53E10	-1	TCTGGAGCGACACCCCTTACCATCACC TTCCAAGGAAGAAATTAACCCCTT
6787	Table 2	NA	53G7	-1	AATCACACAAGGCTCGAAAGTAGACAG TCCCTCTTGGACTTGGAATTTGCTCCA
6788	Table 1	NA	54F4	-1	ACTTCTCTCCGGGAAGTTTGATCTCT AGCGTGGACACAGGTTTAAACACA
6789	Table 1	NA	54G9	-1	TCAGGATGCTCTCACTTTAAGAACCG GGCAAATAATGAACACTGTGACA
6790	Table 1	NA	59G1	-1	ACTTCACTCAGAGTAATGAAGAACG TGGGTGCTCATCAATATCATTTGT
6791	Table 1	NA	59G1	-1	TCAGTGAAGGCAAGCTCAGATGAA GCAGAGGACTGAAGATCTCGATCT
6792	Table 1	NA	60G8	-1	GCTGAGAAGGATGTGGTATAAATGTA TTAAGGACCTTAAGCTCTCTGGCC
6793	Table 2	NA	62C9	-1	AAGTCCCGCTCTAGTGGGAAGAA GAAGTTGAACAAGTAATCCAAGG
6794	Table 3A	NA	62F11	-1	CGCCCGGCAAGTACTGGGGTTCTT TAGCTTCTCTCTGCATCTACAAAG
6795	Table 1	NA	63E1	-1	CTGTTTCTCTATTTAACTTACATTTG TTATTTCTGTAAGTCAGATGTGGCAG
6796	Table 2	NA	65B1	-1	GCACCTGCTCTCCGAGTCTACATTT GAGTCTGAGTTGACTCGCAAGACT
6797	Table 2	NA	65D10	-1	AACAAGTTGTGCTTGTCTGTAATCT TTCTAAGGCCATCTGCGACATGCTCT
6798	Table 2	NA	65D11	-1	AACAGATTGTGCTTGTCTGTAATC TTCCAAGGCCATCTGCAGTGTCT
6799	Table 2	NA	65D12	-1	ATCTGCAGAGTGTAGCATGGTGACT CCAGTGTCTCCAAAGACTCCATAG
6800	Table 1	NA	68C9	-1	TTTAGCATCCACTAGTACTGTCTGG CACTGGCCACGAAGGCTGACAGGG
6801	Table 1	NA	69F8	-1	GAATCCCGGTCTCTCTACCCAAAGTC CGGCTCTCTCACTTCTCTCTCT
6802	Table 1	NA	69H11	-1	TGGTAAGTCTGAAGTCCCTAAGCAT TCGATATTCTCTAGCTTCCACT
6803	Table 3A	NA	70B6	-1	ACTCCCAACCAACCCCACTTTGTAAT CACTGGTAGTAAGGAGAGATGCAG
6804	Table 3A	NA	72D4	-1	AAGAGTAAAGAGGCAACAGATAGAGT GTCTTTGGTAAGAAGATCAGAGA
6805	Table 2	NA	72D4	-1	GAATTTGGAAGGTGATCTTGGGAGC CACACACGACCATCTGGGAACTG
6806	Table 3A	NA	72D4	-1	TCATCTGTGGCATACAGAAATGTCTAC AATCTTCTGCAATACAGGCTGCTG
6807	Table 2	NA	72D8	-1	GGCAAGGGCAACAACTTGAGTAATTC TAGCTCTTGAAGGGCTCGGGACCC
6808	Table 1	NA	73C4	-1	ACTCATTTGTCTCTCTATTCTCAAAAG TCTTCTGTGTTTGGCTTCAGTG
6809	Table 1	NA	73H4	-1	TCGATGGGCATTATCCACTCTGCTA TCTTCTGAAGAGTAATTTTCACT
6810	Table 2	NA	73A7	-1	AAGGACGGAAGCTCACATCTCTTCT AGACGAAGTTGATGCTCACTGCA
6811	Table 3A	NA	75A2	-1	TATAAATCCAGTCCGATGAAGGTTAA AGTGAATGAGCTGGCTGGCTGGA
6812	Table 3A	NA	75A2	-1	GGCTCTGTTCTGGGGTTGGTCCAAAGT CAGGTGGAGTTCCAATGTATGAAA
6813	Table 1	NA	75A2	-1	TCCCTGAGATCTAGAGGGGACGACT AGTATCATTTTTGTATTCGGTGTCT
6814	Table 3A	NA	75B12	-1	AGCTGCTACAAAGAACAGATGTTTAA GACAAGTACTCATGTGATGGGCA
6815	Table 2	NA	75B12	-1	AGGGATCTGAATACTTCGGGTGCAAA AATTTTCTCGCAAGTTAGATTTGC
6816	Table 2	NA	75B12	-1	TATGGTTTCCAATATCGACATGGCAT CATTTGTTACATTAGCACTGGGCC
6817	Table 3A	NA	101G7	-1	GGCCTGGGCATAGACTGTGGTGAGG TCAGTACATATTCTTGTCTTCCCC
6818	Table 3A	NA	101G7	-1	GAGTCTGTGCTGAGCTTCACCA ACATTTCTGGCTTCAAGTTGAATT
6819	Table 1	NA	101G7	-1	GGAGGTCTTTGCCACCAATGGGAGA TGAGGCCAAACTTCGATATAGGTG
6820	Table 3A	NA	101G7	-1	ACCAAGAGTAAACTTGAAGTAAATTT TCAGACAGACACACTTTCCACCA
6821	Table 1	NA	101G7	-1	TGCATTTTACATTAAGTCCCAATATTT ATGGCAGTAAACCAAGATTAATCGT
6822	Table 1	NA	101G7	-1	TTTCCAAATGCTCTTCTGCTCATTTTAA ACTTGTCTGCTCTTTATAAGAGAA

Table 8

6823	Table 1	NA	107H8	-1	TGTTTTCACGATAGAAAATAGGAAGG TCTAGAGCTTCTATCTTTGGCCA
6824	Table 3A	Hs.64239	DNA sequence from clone RP5- 1174N9 on chromosome 1p34.1-35.3. Contains the gene for a novel protein with IBR domain, a (pseudo?) gene for a novel protein similar to MT1E (metallothionein 1E (functional)), ESTs, STSs, GSSs and two putative CpG islands Acds=(0,2195)	-1	TTTCATACAAAGCCACAGCAATTCAC AGCCACACACTGCACAGGTGATGT
6825	Table 1	NA	109H9	-1	AGGAAGCTGTGAGGGTGGGTTTCATT AGTTGCAGGGATGGTAGTTATGTCA
6826	Table 3A	Hs.80261	enhancer of filamentation 1 (cas-like docking, Crk-associated substrate related) (HEF1), mRNA /cds=(163,2687)	-1	GAGACAAGCTTGAAGGCCGGAACCTC AGACCCGAGGGGGTTATGTCTATT
6827	Table 3A	Hs.1422	Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog (FGR), mRNA /cds=(147,1736)	-1	ATAACTAGACAAGGCTCTGAGCACTTT GGGTGGGGATGAGTGAGAAAGGC
6828	Table 3A	Hs.333114	AV713318 cDNA, 5' end /clone=DCAAAAC09 /clone_end=5'	-1	ATTAAGTTGGGTAAACGCCAGGGTTTT CCGAGTCACGACGGTTGTAACACGA
6829	Table 1	NA	129F10	-1	GCCTTCTAGCTGGGCCAACAGAGCA GGATTTTGTTTCAGAAAACAAACA
6830	Table 1	NA	129F10	-1	ATCATGTGTTTACAGAGGTGAAGA TGAGCAACCTCATCCAGCTCTTG
6831	Table 3A	NA	137D4	-1	TGCTCGGCCCGGAGGTACGTTTTTC ATGTTAGGGCTGAATGAAGATGTG
6832	Table 1	NA	142F9	-1	CAGAAAGATAGGAGTGTGCAATGGC AAGGAACCTCAATTAAGCAAAAT
6833	Table 3A	Hs.250655	Prothymosin, alpha (gene sequence 28)	-1	TTGCAAAATCTCTATGTTGGGTTGG GTGGTGGAGAGCGCGTGTCTATCTG
6834	Table 3A	Hs.249495	heterogeneous nuclear ribonucleoprotein A1 (HNRPA1), transcript variant 2, mRNA /cds=(104,1222)	-1	TTATTCAGCGTCAGCATCAGACTGTT ACATTTAGCATCAACAGCATGGG
6835	Table 1	NA	149G2	-1	TGTTGTGATGTGTGAACCAAGGCTCG ACTATAGCTTGTCTGTCTGTGTCT
6836	Table 1	NA	149A11	-1	AGCAATTTGGGGTTTTAGCTTTGGTG CCTAAATTTCAAGTATCTTTGCCA
6837	Table 3A	NA	151F11	-1	CATAAACCAGCAGCTCAGCGTTTCTA TGCAAGCGGTCTCGAGCACAGCG
6838	Table 1	NA	162E8	-1	TAGTGATAGCGCTGTGTGCGCGCA GGTCAGTAAATGGGGCTTTTAAACGA
6839	Table 3A	Hs.334330	calmodulin 3 (phosphorylase kinase, delta) (CALM3), mRNA /cds=(123,581)	-1	TACTGTGAAGAAAGAGAGCACACA TGAGACAGAGAAGGAGGTGGATGC
6840	Table 1	NA	170F7	-1	CGAGGCGCGCCGCGCAGGATACCAAT TTGATGAATCTTGATGATTTAA
6841	Table 2	NA	170F9	-1	TTGGGTTGAGAATAGCTTCATCTACT GCCGAGCAAGTCAATACAGCACT
6842	Table 3A	NA	177A3	-1	GGTAACAGCCATCCACACCAATAA TCATCTCATTTGTTTGTCCAGCA
6843	Table 1	NA	331A3	-1	GTATGAATAGATGCCCATCTCCCTG CCAGCCTGGTAGTGACTTTTCCAC
6844	Table 1	NA	331A5	-1	TATAATTTTACCAAACTAAGTTTAT TTTGTGCCCGCTCCCTGTCCCTT
6845	Table 3A	NA	148C3	-1	CTGTAAATTTCTTTTGGGTCCATCC TGCGCTCTCATCCAGTGCTTTTGA
6846	Table 1	NA	146D8	-1	AGGGTTAACAAAAGTATGGAATTCAA TCTTTTTATATGCTGCAGCCATGTTCTG
6847	Table 3A	Hs.153	ribosomal protein L7 (RPL7), mRNA /cds=(10,756)	-1	CCCAATCTGGAAGTCAGTAATGAAC AATCTACAGCGCTGGTTATGGCAA
6848	Table 1	NA	158G6	-1	CCGAGGTACTCTCTTAGAGAAAGGTG ATTGGATGCTCGGGTTGCCTGTAA
6849	Table 1	NA	158H6	-1	GCGGGTTGAAATAGTCGAGAAATTG ACAATCCCTCTCGAAGATGCTTTT
6850	Table 3A	Hs.119598	ribosomal protein L3 (RPL3), mRNA /cds=(6,1217)	-1	TTGAGACCCACCAACTGCMAAATCT GTTCCTGGGATTAAGGCTCTCTT
6851	Table 1	NA	158G11	-1	AATGAAAACTCCAGCTCTCACTCA CAAACTCTGTAATAGGTGTCTAT
6852	Table 3A	Hs.326249	ribosomal protein L22 (RPL22), mRNA /cds=(51,437)	-1	TGCTCTGGTTAATCGGAAGTAACG TAATTGCTAACTCTTTTGCTGT
6853	Table 3A	Hs.297753	vimentin (VIM), mRNA /cds=(122,1522)	-1	TGCGTGTGTAAGAACTAGAGCTTATT CCTATTCCAAATCATCTTGCGCT
6854	Table 3A	NA	155H10	-1	AGATAAGAATCTCATCTTAAGGATC CGGGCTTGCGATCTTGCCATCG
6855	Table 3A	Hs.108124	cDNA: FLJ23088 fls, clone LNG07026 /cds=UNKNOWN	-1	ACGTATTTTCATCAAGTTCGACACTGG TAACTGTTGATGGTGGTGGAGG
6856	Table 1	NA	158F6	-1	AATCATTTGGCTACCTCTCCCTTTT ACAGTCACAACTCCAGATGTTTGG

Table 8

6857	Table 3A	NA	166F3	-1	AATAATCCCATACCTCCCATTTGAAC TACCACCCACCCGACACCATATA CAAGACATTTCCGACCACTTCAGAA TGATAGATCTTTGAGCCAGACAGCT
6858	Table 1	NA	166F6	-1	GAGGTACTGGCCTGTGAAGCCCTGA AGGCACCTGCACCTGGTAGAACACAG ATCTCTGTGCAAAAGTCAGTCGCBC
6859	Table 1	Ha.8121	Notch (Drosophila) homolog 2 (NOTCH2), mRNA /cds=(12,7427)	-1	CCAAGATTGAACAGTCGTGTGTCA
6860	Table 2	Ha.25130	cDNA FLJ14923 fs, clone PLACE1008244, weakly similar to VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1 /cds=UNKNOWN	-1	168A9
6861	Table 1	NA	171F11	-1	TTTATCATGGTCTTTAAATAGCA TTCAGCTTAGGGAAGAGAGATACAT TTTAGATTATAGACATCGCCTGC
6862	Table 1	NA	171G11	-1	ATCTTCTATGTGCGCCAGATAATGA TGAAGTGCAGAGGTGCTTACCT
6863	Table 3A	NA	175D1	-1	AGTTCTTAAAGTCAATGACACATTAG CCACCGCAATTCCCGCCCCAGC
6864	Table 1	NA	182H1	-1	CCCTCTCTGCACATGAATTAGGCATA ATTAGCAATCGGTTCTTCCCAA
6865	Table 1	NA	184B5	-1	ATACAGTGAACCTGGCCACTGGCTGT TGCTATATAAATGGTACTGCTT
6866	Table 3A	NA	184D2	-1	AGGTTACTTAAAGCATCATTGGCGT GGTCC TCTACATACCAAGGCGCAG
6867	Table 3A	NA	184H1	-1	CTGGGCTGACCAAGAGGGGTAGCA AGTGCGCTTAGAGATGAAGAAATG
6868	Table 1	NA	46D1	-1	TTTAGAGTACTTAGAGGAGGACCGAG AAACACTGAGACAGACAGCAGGC
6869	Table 1	NA	98C1	-1	TGTTTTGAAACTACCTTCATGGGAGC AATGACAAAGCAGATGTCTAGGATT
6870	Table 1	NA	98C3	-1	TTTGTGCCAAGGTTTGGGATTTTGT TTCTAGAGCTTCTTCTATTTGCT
6871	Table 1	NA	601439689F1 cDNA, 5' end /clone=IMAGE:3924407 /clone_end=5'	-1	TTTGTGAGGCTCTGAGTGGCTTG GCATTTGATGTTCTGTGAAGCC
6872	Table 2	Ha.205442	98H4	-1	CCTATAATGGGGGAAAGATGCTGGTT AGATGTTTATTTAGTGGGCTTGC
6873	Table 1	NA	98H4	-1	CCACAAACACACCCCTGCCACAAGACA TTTAGCAGAGCTCTGAGTGCATCCAT
6874	Table 1	Ha.169363	GLE1 (yeast homolog)-like, RNA export mediator (GLE1L), mRNA /cds=(87,2066)	-1	113F12
6875	Table 3A	NA	113F12	-1	GACACCACCACTACCTCTCTTATTA TTAGAGATCCCGAGACATTACGGG
6876	Table 1	Ha.30212	thyroid receptor interacting protein 15 (TRIP15), mRNA /cds=(15,1346)	-1	173A10
6877	Table 3A	NA	173A10	-1	CGCTCGGTATTCCTCCCAAGTATTCAC AAGCCCTCCCTTAAACCCCTCTCT
6878	Table 3A	Ha.334853	hypothetical protein FLJ23544 (FLJ23544), mRNA /cds=(125,517)	-1	ACAGGCATCTGGGATGAGCCGCTTTT CAGCCACCATGTCTTCAAAATTCAT
6879	Table 3A	Ha.20252	DNA sequence from clone RP4- 646B12 on chromosome 1q42.11-42.3. Contains an FTH1 (ferritin, heavy polypeptide 1) (FTHL6) pseudogene, the gene for a novel Ras family protein, ESTs, STSs, GSSs and a putative CpG island /cds=(0,776)	-1	CGCC TGCGCTTACCTATCTGTGGAA
6880	Table 1	NA	174D1	-1	AGGTACTACACAAGGTGCAGATGG GGTTGCCACAATGACTAGGACAAGA
6881	Table 1	NA	45B9	-1	CCAAGAAAGACAGAAGGAGTGTGGA ACACCATGACAGAGCTTGCAGAA
6882	Table 1	NA	45H8	-1	GAGAGCTTCTCCCGCCTTCAGTTT CTGATGGATCTAGCCATGTTGAAA
6883	Table 1	NA	111H6	-1	TAAACCTTCTGCGAGGGTTCCAGAG AAAGAGTAATTTCTTTGAGTACC
6884	Table 1	NA	111E12	-1	CGCTCGCGGGCCAGGTACCAAAAC TTTCATATAAAAGGTAGGAAGGAT
6885	Table 1	NA	111H11	-1	TGACTTCATTGAAGGCTCCATCACCC AAAGTASATGTTAAAGACCTTAAT
6886	Table 1	NA	112H3	-1	TTATGTGGAGAGCTTCCCTATTAACC TCCGAGCGAAATTCGTAGCTTTTC
6887	Table 1	NA	112E9	-1	TAAATGTGTCCAGTGGAGGACCGAA TCAAGGTTATTGCTGACCTCATTT
6888	Table 1	NA	114G3	-1	AGATA GTTCTGAGCCCCGCCACAC ACTGCCTGTTACAGGGAGAGAAAG
6889	Table 1	NA	117H6	-1	GAGGTTCCCTCATCCCAAGAAAGCA ACAGGATTCAGATCAGGGCAAC
6890	Table 1	NA	165E7	-1	CTGGTCTGTGCTGTGGCTTATGAC AGGAAGTGCTGTGGTATTCTTA

Table 8

6891	Table 1	NA	165E11	-1	CCCCAACGCTGTGTGCGTATGTATGT GTGTATTTAACATCCTGTTCCCAT
6892	Table 1	NA	165F7	-1	GCATAAAGGAGCGCATTTCCATCTC TACATTCTGTAGTGATAGCAGAGG
6893	Table 1	NA	176A6	-1	GTTTACGCAATGAGAGAGTCCCTTG AGGCTGAATATACATCTGTATCT
6894	Table 1	NA	176G2	-1	AGGCCAAATACCCGCACAGTTGAATT GCTGATTCTAATTGGTAACAATAA
6895	Table 1	NA	176E10	-1	TTGTAGTGTAAATTGTGTATACGCAA ACCCTTGTAGTTAACCCCAAGTGATGA
6896	Table 3A	NA	176F11	-1	CCTTGTGCCGTGGGTATATGCATGA TCTTACCTTTTGTTTGACTATGAA
6897	Table 1	Hs.232400	heterogeneous nuclear ribonucleoprotein A2/B1 (HNRPA2B1), transcript variant B1, mRNA /cds=(169,1230)	-1	AAATGATATGTTAAGCACCCAAATCTT CACATGGAGGGGAGGGGGTGGG
6898	Table 1	NA	71F2	-1	GGCCAAAGCTGTTTTATTATGAGATCT TTGAGTGGAAATCAGCATGCTCC
6899	Table 1	Hs.172028	a disintegrin and metalloproteinase domain 10 (ADAM10), mRNA /cds=(469,2715)	-1	TTAACAGCATTTGAAGGTGAACAGCA CAATGTCCCATTCGAAATTTATT
6900	Table 1	Hs.180610	splicing factor proline/glutamine rich (polypyrimidine tract-binding protein- associated) (SFPQ), mRNA /cds=(85,2209)	-1	AGGTACGAAAAATACATCTGGCATCA CACCCTGGAACCCAGACTGTTCT
6901	Table 1	NA	124G4	-1	GAACTACCTACTGGCAGTTGGGTCTCA GGGAGATGGGATTGACTTCGCCCT
6902	Table 1	NA	124C8	-1	AGAGCTAATATACAGAGTACCTGACA CACTACCTCACCACAGCTTTAACT
6903	Table 1	NA	124F9	-1	GCCAGGCCAACAGAATACTTTTATC TTTGATCGTCTGTTTATCCAGT
6904	Table 3A	NA	127A12	-1	CTGAGGTTAGACTGTGGGCAAGAG GACAACCTCTCTCCCTTAAGGAC
6905	Table 1	Hs.50180	601652275F1 cDNA, 5' end /clone=IMAGE:3935610 /clone_end=5'	-1	TTGCCAGACCTATTCTCTAGGACAG TATTTCAAAGTTTCAGTAGTCCAGT
6906	Table 1	NA	161E8	-1	GCCCTGTCCCTTGAGAGGCTCACAG CGATGGAGGCCACTTTTGTGTTTG
6907	Table 1	NA	186E8	-1	ACCAAAAAGGGCTACATTACCACCAC TGATCATATAAAAGCCAGCCACCTT
6908	Table 2	NA	191F6	-1	AGCTGACGATTTTCTATCCCGGCCTA TAGTGCATGTATGGCAATTGAGCA
6909	Table 3A	NA	193G3	-1	CCCCAAAACAGCAAAATAAACACACA CCAGATATCAGTCACATCCTTGAA
6910	Table 1	NA	194C2	-1	AGTCTGTTATTGCCTGATTTTGTCCC CACCTTGTTCAAATTTCCAAAGCT
6911	db mining	NA	458C6	-1	CTCACAGCCGAAGCTCTGATGCTTTG TTCTCAGGAAACACTCAGGAAAGTG
6912	Table 1	NA	458E4	-1	AGAGAAAATGAGAGACAGACAGTGA GTGGGAAAGTCAGCGAAAAGGAAAA
6913	Table 1	NA	459G10	-1	TCCTTGAGTTTATACACCGTGCTATG AGTGATGACAGCAATCCCATGCG
6914	Table 1	NA	459E3	-1	TCGCTTCAGGGGTGACGCCAAAGATA GACAGCCAGGTAACTTGTAGTGGAC
6915	Table 1	NA	459D2	-1	GGACAGTACCAACACTCCCTCCCTC CCCTCTGCCTCTTGTCTTACTTAG
6916	Table 1	NA	459E6	-1	GACCAATCTGGAATCTCCACCCTGC ATAATAATCATGAACACCCGACCA
6917	Table 3A	Hs.20830	DNA sequence from cosmid ICK0721Q on chromosome 5. Contains a 60S Ribosomal Protein L35A LIKE pseudogene, a gene coding for a 60S Ribosomal Protein L12 LIKE protein in an intron of the HSET gene coding for a Kinesin related protein, the PHF1 (PHF2) gene coding for alternative splice products PHD finger proteins 1 and 2, the gene coding for five different alternatively spliced mRNAs coding for a protein similar to CYTA (CYCY) and identical to a polypeptide coded for by a known patented cDNA, and the first two exons of the gene coding for the homolog of the rat synaptic ras GTPase- activating protein p135 SynGAP. Contains three predicted CpG islands, ESTs and an STS /cds=(163,2184)	-1	AGGTGAGCAGTGCCCTCAGATACCTG CAAAACCTTTCTGCACCAATGTGCT
6918	Table 3A	NA	460D5	-1	CAGATCCATGAGGGTCCCATCTCTT CCCATTCAATCCCGTGTGTTCT

Table 8

6919	Table 1	NA	460B9	-1	CCAACCAACCACCAACAGCAGGGA GCTAGTGAAGAGGTCTATTGTGCC
6920	Table 3A	NA	461A4	-1	ACATCGCCTAAACCGCTGCATCGTAA ACATTTCAGCTCAAAAGTCATCCTCT
6921	Table 1	NA	461G6	-1	TTTTCAGTCTCTCAGAGTCTACTCC ACCTCTGCTCACTCCAGAGACAC
6922	Table 1	NA	461D9	-1	AGATCTGTGTCTCTCTAGTAATA GGAAACACAATCCAGACATGATCT
6923	Table 3A	Hs.80768	chloride channel 7 (CLCN7), mRNA /cds=(38,2455)	-1	TTTCACTCGGAGAGGTCCATGGT GCATCCCGCTCTCTCGGGACAC
6924	Table 1	NA	461H7	-1	CTGGCAATTAACCTGGGTTCTGTT TGATCTGTGGCTATAAGCCATACA
6925	Table 1	Hs.333513	small inducible cytokine subfamily E, member 1 (endothelial monocyte- activating) (SCYE1), mRNA /cds=(49,987)	-1	TGCCATCTCTTTTGTGAACCTGTA GGTAAGGCGCAGATTCTGAAACCT
6926	Table 1	NA	463A5	-1	TAAAGCACCTTATGAGATGCTGCATT TGTCATGAGCTACGCCTCATCTT
6927	Table 1	NA	463B2	-1	GCACCCACCTCTCTCAGTTCAGACAA CCAGCACCACCAATACCACTATCT
6928	Table 1	NA	463C5	-1	AGGCGATGAGTGACTCCATCTATAT ATGTCAGTCGTCTCTGGTGCAAGG
6929	Table 3A	Hs.40919	hypothetical protein FLJ14511 (FLJ14511), mRNA /cds=(22,1272)	-1	GAAACAGTGGCCGGGCTGATGTGC GCTGTCCAGATCTTCACGCTACACC
6930	Table 1	NA	463H5	-1	AGTCATTCACATGATATAAGGA TAGATGCTCCACAGTGTGCTTCT
6931	Table 1	NA	463A7	-1	GCTTCAAAATCTCTTACCCCAACCT CTGGCACCCCAAAATTGATCACTA
6932	Table 1	NA	463B10	-1	GAGGAAGGCTGGCTCTTACTCCCC ACAAGAGGTGTCTCTTAGGCCACAC
6933	Table 1	NA	463C7	-1	CCAATCTAATTTAAACCCCTATAACAG GACATAAGCTTGCGCCGCGATCT
6934	Table 1	NA	463F10	-1	TGCTCAATGTTTTGCAGTATTTTATT CAATGTTTTGAAGGCGTTATGA
6935	Table 1	NA	464C2	-1	TGCTAACACAGCTTCTCGGTATGTT AATATTCTGCTAATCCTTTCTCA
6936	Table 1	NA	464C5	-1	GGAGGAATGGCTGTGCCGTCGCCCT CCACTTAAGCGACCTCGAGTCTCCAG
6937	Table 1	NA	464C10	-1	ACACACACTTAAGAGTACAGATGAGA GCCAAAAATAAGTGGCAGGCTCTT
6938	Table 1	NA	464D8	-1	TTTTGTGACTGTGCATGCTTGAAAAG AATAAGTTTCTTCGAGCTGTGTCT
6939	Table 1	Hs.221895	7k30d01.x1 cDNA, 3' end /clone=IMAGE:3476765 /clone_end=3'	-1	CTTGCTGTGGCGTGGCAGCAGTA GGTGCTCGGTTGTGTTTGTGAATG
6940	Table 1	NA	464E7	-1	GAATTCCTGAATACATGTTGACTGTG TTTCTTGACCTGTGTTTCTTCTAGG
6941	Table 1	NA	464H12	-1	TGAGTCTTGGCCTCAGCTTCTAATC TCAAACTCAAAATAGATTGCGTTT
6942	Table 2	NA	465B3	-1	TCCTTCGCTCTTGCTATTAAATTTCT TCACGGACCATGCATCTGGAGGA
6943	Table 1	NA	465G2	-1	CCAGAGACTCTTAAGCAGATACAGG ATGTGTGGCATTAAGCATGAGAGCC
6944	Table 1	NA	465H5	-1	CCCATTAAGAGAGATAAGCTACTGTC CTCAGCTCTGTGTTAGCTCAGGCTT
6945	Table 1	NA	465A12	-1	AGAGTTTGTAACACAATCCAGTCCAC ATGCTTATCCAATCCCATCATCCA
6946	Table 1	NA	465F7	-1	AGCTCAAAATATGGCAAAGTGATGAT TTCGTGTTAATCCTAGAAACAGCA
6947	Table 1	NA	465G8	-1	TGGGTCTGCTTTCACTGAAAGTGTCT AGCAATTCTCTTTGTGCTGAGCC
6948	Table 1	NA	465H10	-1	GGATGAGCCCACTCAGAGCAGCA TTTGACTGAAAGTACCTTAATATC
6949	Table 3A	Hs.136309	DNA sequence from clone RP4- 612B15 on chromosome 1p22.2-31.1. Contains the (possibly pseudo) gene for a novel protein similar to 60S ribosomal protein L17 (RPL17), the gene for CGI- 61, endophilin B1 and KIAA0491, ESTs, STSs, GSSs and two CpG islands /cds=(1011,1408)	-1	AACCCAAATCCAAATGCCAGGATAGA AGAAATTTGTTATGAGAAACCTGGA
6950	Table 1	NA	515C12	-1	CGCTTTTGTATCTGATTACTATTTTCA ACAGGTTACAGCTATGACCATGA
6951	Table 1	NA	515H10	-1	CTGCCGCTAATCTACTGTAATTTTCG ATCGTCCGCCCTCCAGGTACATAT
6952	Table 1	NA	55G3	-1	AGGCGTGCTATTAAATTCACATACC CTCCTTACAGAAATTACACTCGCA
6953	Table 1	NA	55F9	-1	GGGAGAAAGTTCTTAAACTAAGGGTA CAAAATGAATTTGAATGCTGGGGGC
6954	Table 3A	NA	99E7	-1	ATTAGCGTGTTCGCGCCGAGGATAC ACCAAACCTTCAGAAAGCAAGTT

Table 8

6955	Table 1	Hs.319825	103C4	-1	AAGATATGAAATATGCCTACCCGCAG AGCTTGGCACAAGTGGAGTCAAT
6956	Table 1	Hs.17481	mRNA; cDNA DKFZp434G2415 (from clone DKFZp434G2415) /cds=UNKNOWN 118C9	-1	GTACAGAGATCGGATACACAAGCC CGGAGACAGTGCAGCTCTCCACTG
6957	Table 1	NA	118C9	-1	AATGCACCTTGTGATAAACTGACAGCA GGGTAGACATTAATCTTCAAAGCT
6958	Table 1	NA	128F5	-1	CCACTGCTCAGGAACTGCCTGTCTCG GTGCTCCTCCAATTCAATTAAGCT
6959	Table 1	NA	135F10	-1	AGTCTGGTATAACTCGAGAAAGAGA TAGAGAAGAGAGATCACTGAGAGC
6960	Table 1	NA	189F3	-1	AAGTCAGGACCTTTGCACCTGCCCCG CCTCTGCCTCCACAGCTCTTCTCA
6961	Table 1	NA	189A8	-1	TAATCAGGGAAGAGCTTGAGATCAT AGCACTGAACCTGAGGAGGAGTT
6962	Table 1	NA	195H12	-1	CTGGCTCACTGCTGCGCACCAATGCT ATCTGTGTGGTAGGCATTAGGCTG
6963	Table 1	Hs.292457	Homo sapiens, clone MGC:16362 IMAGE:3927795, mRNA, complete cds /cds=(498,635) 466C4	-1	GGTGCTAGGTTAGTGCGGTATTGCGG GCTAGTATCCGAGCAAAAGATTGGT
6964	Table 3A	NA	466C4	-1	CAGCCCTGCTATCTCTGGTTGTTCAT GTACTTCTGTGAAGGTGGAGACCCCT
6965	Table 1	NA	466D1	-1	GAAGGTGAGAAACCCGAGAGACACC AACTATGATTTTACCTTTCTCTGGT
6966	Table 1	NA	466G2	-1	ACCACTCCCTCCTTCCCTCTTAACT TCATCTCGAATCTCTCTCAATCAT
6967	Table 1	NA	466H5	-1	CTCTTATCTGCTCTGCCCTGGAACCT TGAAACCCAGTGCCAATCTCATG
6968	Table 1	NA	466B7	-1	CGACCTAATCTCTGTCGCCCAAGAGC AGACCAGGACTCCAGCCCAAGAGG
6969	Table 2	NA	466B10	-1	GCCAAATCTTTGTCTGTACAAAGTA CAGATGTTTTTGTACTGAAGTTCCA
6970	Table 1	NA	466C9	-1	GCCACAGTGAATAAATACAGGCCAAG GCTCATAGGTAAACAGATTTCTAT
6971	Table 1	Hs.7187	mRNA for KIAA1757 protein, partial cds /cds=(347,457) 121F1	-1	AGTGGAGTGTTTACACCTTGCTGTAA CATTTTGAACCTTTCACAAAGAGATG
6972	Table 1	NA	121F1	-1	AAACCCACCCATCATTTGCCCTGACT ACCCATCTCCCGATTAACTACCC
6973	Table 1	NA	121A11	-1	AGGGAACAGAGCCAGGATTTAAACCT TAACAATTTGTCTCCACAATTGCA
6974	Table 3A	NA	121F8	-1	CTCTGCGCAGCAGACAATGTAGTGT TCCATGCTCTGAGGATAGTCTC
6975	Table 1	NA	178B2	-1	TCGAACTTTTCCAGGTATGCTGATA GATGTCGGTAGGGCATCCTTAATT
6976	Table 3A	NA	178B5	-1	GAGGTACTATAAACAGATGCCCAAA ACACCTGCCCTCTGGGTTGGCCG
6977	Table 1	NA	178F5	-1	ACATTCACTGTTTCCACTGAGGTCT GAGTCTTCAAGTTTCAACCCGACG
6978	Table 1	NA	179C12	-1	TTAGCCCTTTTCTGGGCTAATTAGAAT TTCAAGGCTGACAGAGCCCTGGGG
6979	Table 1	NA	462A11	-1	TTCAACAGAGGTGACACAGTGTGATG CTGTGGGAAACACAGTATGAGG
6980	Table 1	Hs.13231	cd15d12.s1 cDNA /clone=IMAGE:1368023 462D6	-1	GGAIAAAAGAAATTTCTCGAGATTTT CAGTGATACAGAAAGTGTCTTCCAT
6981	Table 1	NA	462D6	-1	GAGTGTACAGTGGGGTGGCCCTCCTC AGTGCTCTTAGGGTACTGTACTGTC
6982	Table 1	NA	462E8	-1	CCACCTTCGAGGTCCCTTCGCGCCTA AGATGCTCTGAAATCTCCAAGGAAA
6983	Table 1	NA	462F9	-1	ACAAGGCAAGGCTTAAAGAAACACTA AACGAATGAGTGAAAGAACGGGAG
6984	Table 1	NA	462F11	-1	TTCTCAATAACAAACCCAGGGCTTTT ATAAATGCATGATCAAAATGTGGA
6985	Table 1	NA	462G12	-1	ACAGAAAAATGGGTGTATATCAGCAT TAGCGTGATTACAGAGAAAGATAGC
6986	Table 1	NA	462H9	-1	TCTCGACTGACACCCACTATAAATTC CCTGGGTTGAAAACTTTTCTTTT
6987	Table 1	NA	472B1	-1	TCCAACCCCTCCATTACAACTCAAC ACAGTTCCCCCTACATGCTGTCTCT
6988	Table 1	NA	472C1	-1	GCATTTATTTTCTTACAGAGAACTT GGCGGCTGGGTCTGGGAAAGAGC
6989	Table 1	NA	472E9	-1	ACCCACAATTAGTGAGAGTGCCCTTG AGCTTGAGATTCCCATCTCTCCTT
6990	Table 1	NA	472F4	-1	TGATATAAAGTGTGTGTTCTGACAG AAATGGGGGAGAGGTTGGCTATTT
6991	Table 1	NA	472G2	-1	GCCAGAAAATCTGTGTTTCCCTGGTG TCCCTCTCAATCTCTTTTACCAAA
6992	Table 1	NA	472D7	-1	CCATTGTGCGCCGAGCTGGGAAAGA TAGTTTAGAGAAATGCTTAGACATT
6993	Table 1	NA	472G12	-1	CAGCACCAGTACAGATGATGACAGA AGGACTCGCTGACTTAGAGAGTGG

Table 8

6994	Table 1	Hs.75354	mRNA for KIAA0219 gene, partial cds /cds=(0,7239)	-1	AACACACCAGGAAGGAAAACACAGACAG CAGGGAAATGAAGCCTGCAAGTCC
6995	Table 2	NA	64G9	-1	GTAATCTAGTGGCCCCAAGATTTCAT AGTCACGAGGATTGGCAGCAAAAT
6996	Table 1	NA	467E5	-1	CGCCGCATATATAAATGCTGAATACC AGTTCCCTTTTCCCGAGTACCAGG
6997	Table 1	NA	467A8	-1	AGTCCACGAGATGTTCTCTGCACCTCA TCTGCAACTCTGAGCCTTACTCAA
6998	Table 1	NA	467C9	-1	GTTAGAGCCTCTGTCCTGCTCTT CAGCTACCATTCTCTCTGTGACC
6999	Table 3A	NA	467F8	-1	CCACCACACACACACACAAAAAGT CAACCCACACGAATATACCGGAAA
7000	Table 1	NA	468E6	-1	CAGTTGGGCTGTTAGTAGTCTGTGAC ACAGGTGAGAGGAGGAAGATGCC
7001	Table 1	NA	468B9	-1	AATCTATTATCAGGCAATTAATCACTG AGCACTCTCTCTGCCACACTGT
7002	Table 1	NA	468E10	-1	AGAGGAGTGACGGTGAATGGTACTG AAAGCGGTGTAAATTCGAGAGAG
7003	Table 1	NA	468F10	-1	TCTCCTTGTTCTGATTCTCTCCCATC TACAAACAACCTCCACTCCCAAG
7004	Table 1	NA	468F11	-1	CACCTAACCAAGCGGGTTGGGCTGA TGACCGATGACCGTAAAGCAGTAAGG
7005	Table 1	NA	468G12	-1	ACCTCTCTCTTGAACAACATAACAC TCCACAGTGGGAAATTAATCTGT
7006	Table 1	NA	468H11	-1	ACTACCGCACACAGAACACATGACC AGGTGAGTGACAGACACGACATCAG
7007	Table 1	NA	469B6	-1	CAGTTTTACTCTGCTCATCTCTGT GAGTGTGGAATCTCTCTGCCCTC
7008	Table 1	NA	469D2	-1	TTTTATTTGGCTGAAGTTGGGTATG GCTGCTTGTTGGCCTCTGCTGGG
7009	Table 1	NA	469A10	-1	ACAGCTTATAAGCACTTCTCATGTC ACCTCTCTCTGCGCCATTTGCAACA
7010	Table 1	NA	469E12	-1	GGGGCTCAACCTGTGACTTACTGCT AACTAACATCAAGGAAAGCTGG
7011	Table 1	NA	469F8	-1	ATGATCATGTATAGATATTCTAAGAG CATGCAGGAATGAGGATGCGTGCC
7012	Table 1	NA	469G8	-1	GACAACAACCTGCTTGTCTGGTTAC CCACAGCGCACTGAGTATAGAAGT
7013	Table 1	NA	470B2	-1	TCTTCAATATTACATGCTCTAAGGCA GTGTCTGTCTTCCACCATCCCGC
7014	Table 1	Hs.118174	tetratricopeptide repeat domain 3 (TTC3), mRNA /cds=(2082,7460)	-1	TGAGTATTTTAAAAATCCCTGTTTGG ATGCTCTGAGCTATAGTGTACCT
7015	Table 1	NA	470C3	-1	TGGGTTTACTAGATCTTCTGCTTCTT AAGTGAGAGTITTAACCTACATTTT
7016	Table 1	NA	470D5	-1	GTCCAGAGCTAGAAGAACCAAGTCTT CCCTTCTCATTCATTTGTTCAAGT
7017	Table 1	NA	470E1	-1	CTTCTCTTAGGATCTGGAGGGAGGG GAGTGTTAGAGCTTGTGAGCCATG
7018	Table 1	NA	470E5	-1	CTGAACGAACAGTCTTTTGGACTA CCAGTCTTGAAGTGAAGCTCAGA
7019	Table 1	NA	470F3	-1	AACAAAGCACTGACAGCTCATATG AACAGGCTAAAGTGAAGTGAAGT
7020	Table 1	NA	470G6	-1	TTCCTTTCTATATCTAGCTAAATGCG CTGTGCGCTCCCATCTCCTCA
7021	Table 1	NA	470B8	-1	ACACACTTGATAAATAGACCGATGC AAACCGCAAGATCCAAATCAGCT
7022	Table 1	NA	470G10	-1	ATAGTAGGTGAGCCAGTAGTGTGAAT GCTTGTCAAGCTTCCAAAGGATGGA
7023	Table 1	NA	471D6	-1	AACCAACACCCAGCTTCTTGATACAA GCAAGGACTCTGGCTACAGTGTCTA
7024	Table 1	NA	471F1	-1	TTTCTCTCCCTCTCCCAATGAC AAACACAGCTAATCTGACATCA
7025	Table 1	NA	471F4	-1	CAACATTCACAAAACCTGGTCCCCGAA TTAGTGAGAAGTTCCAGGAGTGC
7026	Table 1	NA	471F6	-1	GAGAGATTATAGCACAGTCTCCACGG GCTCAGTCAGTCTATCCGACGAA
7027	Table 1	NA	471E9	-1	TTCAATGCTTTGTCTCCCTCGCAG ATGTTAGAACAGATCCTCCTTCT
7028	Table 1	NA	471E11	-1	TCCTCTCTCAGGGCTGGGAAAGAAA GGTCAATCTTCACTGAGTGTGCTA
7029	Table 1	NA	471H11	-1	TTCTGTTGGTCTGCAGCTCATCCAT TCATCCATCACCTGCCAGCTAGAC
7030	Table 1	NA	473E4	-1	ACACAGTTTGGCTCCCTATTATTTCC CCGTACTCGAAACATTTCCATGCA
7031	Table 1	NA	473F3	-1	ACCAAAATCGAAAAATACAGAAATGCC TGTAATTTGAGTCACACCTTAAAA
7032	Table 1	NA	473E11	-1	GAGTCCATAATCTGCATTTCATGTA GTTGTAAGACTTTCTCCCAAGGT
7033	Table 1	NA	476C1	-1	TCCATTGAGTTTCTCCCATCTCTC ACAGTGTATGTTCTGCTCCCTTC

Table 8

7034	Table 1	NA	478D3	-1	AAAAATCAGCCCTCCTGGATTCACGT GCCCAATGAAAGTCCCAAACTAG
7035	Table 1	NA	478F5	-1	TTTAACAGAGAAAGGCCAAAATATTT TTATGCTGCTACAATCTGGGCC
7036	Table 1	NA	478G3	-1	AGTTGCACTGGTGTCTCTGGCTCGG GTGCTCTCACACAAGAGCCGAG
7037	Table 2	NA	478G4	-1	TTTCCTTTTCCCTTGGCTTGGCTT CCCCATCACGGAATCCCGCTTC
7038	Table 1	NA	478A10	-1	CTCCACGCGCTGGCGGTAGTCCAGA GCTTCTCTTTTTCATGGTTGGGTT
7039	Table 1	NA	478G8	-1	GCCAGTGTACGTTGCCAGGCAATTCA TGTAAGAGAAAACCTCAATAGCCA
7040	Table 1	NA	478H10	-1	CCGTCTCTTTTGGGTGTTCCTCCT AGTTTGGCGGAAATCAGAGTTCA
7041	Table 2	NA	477E1	-1	ATGAACTCTACCTGTCTGTGCAAGTG AGTTTGTATTTTATGCCAGCAAA
7042	Table 1	NA	477E6	-1	AGATATAGATGGTAAATGTATGCA ATGTAAAAAATGGTAATACACACAC
7043	Table 2	NA	477A11	-1	TGAGTGGGCTTCTCTTATGGTACAGT CTCTCTCTATGAGGGGCTTCAAA
7044	Table 1	NA	477D9	-1	TGGGCTTCCAAATGGTACAATGGAGT AATCAAGCTCATGGACTGAGATT
7045	Table 1	NA	477D10	-1	CTTGAAAGTACTGTGCTCTTCTGTGT CCAGACCACTTAATGGCTACCCAC
7046	Table 2	NA	480A3	-1	TTCCACGGGCGCTCCATCTCAGCCT TACTGTGACTCCACTCAGCACAG
7047	Table 1	NA	480B5	-1	ATTCCCGCTAAGCTCTGTGCCCGCG CATGACGACTGTGCACATCAAAA
7048	Table 1	NA	480D2	-1	AAGACACACCCCTCTGTTTAATAAA AGTTTCTCCCTCGACATGCATAAT
7049	Table 1	NA	480E2	-1	CTTGTTTACATAATGAAGCTGTCTGT GGATTAAGAGGAAACATGAACCA
7050	Table 1	NA	480E3	-1	AGAACCCACACATGGGAGACAATAA CTGCCATTATATAACCAACAGAA
7051	Table 1	NA	480F3	-1	CGCCAGCTCTTAAAGATTACAGACAA TTCCAGGTAAAGTTGCCAGACT
7052	Table 1	NA	480G4	-1	ACAATGATGTTTGAAGCGCACTCTGA ATCTGTGAAAGCTAGATAAGTCTCT
7053	Table 1	NA	480C8	-1	GCCTTCTCTCTCTCCCTCTTGGGCCC TATGCTCTAGATAAGCCTGTTAAA
7054	Table 1	NA	480D9	-1	TGTCAGATGACAGATCTTATCCAG AGTGGAGCTGCTTGGGCTGGAG
7055	Table 1	NA	480E7	-1	TTTATGTTTCAGCCTCTTCTCTCCCG TTGAGTCTCTGCCAAGTCTCTGC
7056	Table 1	NA	480E11	-1	ATTGTCCAGGTGACTTGACACTGCC TACCGGAAAAGTTGGGATGTTCTT
7057	Table 1	NA	480F8	-1	TAAAATATGCCCTAATTTAAAGGGCG CAGGGTCCACACAAAGCCACAGA
7058	Table 1	NA	487F11	-1	AAATCTCTCTCACGTTCTGTGTTGCA TTAATGACCAAGTTTTAGCGC
7059	Table 3A	NA	499G1	-1	GCTACTGATGGGCGCCCTTTATTCT TGCTTTATTGTTGTGTGCAAGA
7060	Table 1	NA	518F10	-1	AAAAATGGTAGCTGCCCGCATGTGG TATGATGTTAATTTGAACAACAT
7061	Table 3A	NA	524A12	-1	ACCGGCACTGCTCTCAACCCCTTA ATTCTTTCCAGCTTTTCATATTA
7062	Table 1	NA	526B9	-1	CTCAAGAGGGCATAGACATTCCACAC GAGGACTGCATTCTGTCAGGGTAC
7063	Table 1	NA	583B5	-1	AACAATACCAATTACATGTTATCCC CTTTCCCTATGACTGCTGTGT
7064	Table 1	NA	583D6	-1	CCGTGTCCGAAAGCTTGCTTCCAAC TAAAGCCAGAGATGGGAGGGAGT
7065	Table 1	NA	583G8	-1	TTTAGCCAAAGAGACTTTGCGATA AATCTGCCGTAAACCCTTTGTGGA
7066	Table 3A	NA	584A1	-1	CAAGACGCAAAATACAGAGACACAA CAATCCTTGGCTGAGCAGAACAA
7067	Table 1	NA	584D3	-1	ATATGAAGATGGATTGGATGAGGACT GACAAAAAGAGCATGCGGGGCC
7068	Table 3A	NA		-1	ATGCTAGTCACTGATGATTTCTTCTT GCTGCAAGTGCTCAAAACCCAC
7069	Table 3A	NA	591H9	-1	CCTTCGCATTCCCCATCCATGCTCC AAGATAATAGATTTTCTTTAAAA

DNA sequence from clone RP4-620E11
on chromosome 20q11.2-12 Contains 1

Table 8

7070	Table 3A	Hs.6179	DNA sequence from clone RP3-434P1 on chromosome 22. Contains the KCNJ4 gene for inwardly rectifying potassium channel J4 (hippocampal inward rectifier, HIR, HRK1, HIRK2, KIR2.3), the KDELR3 gene for KDELR (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 3, the DDX17 gene for DEAD/4 (Asp-Glu-Ala-Asp/His) box polypeptide 17 (72kD), ESTs, STSs, GSSs and six putative CpG islands. <i>locus</i> =(307,2259) 602388170F1 cDNA, 5' end /clone=IMAGE:4517129 /clone_end=5'	-1	GGGGAAACACCTTGGTTTGAAGCACA GAGCAGTTTGCATGTTCTCTCG
7071	Table 1	Hs.44577		-1	ACTGAATGGTGGAAATCACATATGCA CCACACATAGCTGATCTTAAGTAAC
7072	Table 3A	Hs.106124	cDNA: FLJ23088 fls, clone LNG07026 <i>locus</i> =UNKNOWN	-1	CGAGGTACAGCAAAAGCAGCCCTTGG TGTGATAGATGACGCGAAATCTCT
7073	Table 1	NA	119F12	-1	TACA GAAGAGCAGAGACCAACCTCTT CAAAAGTTGGTGAGTATTAACCCAG
7074	Table 1	NA	119G10	-1	CCAGATTTCGTGATGTTTAGGTAGT TGTGGCAGCTCACCTGTCTTTCC
7075	Table 1	NA	485A6	-1	CTTTCCAGGTTTCCCTTTCCGCCAT TGTTTTCCCGCTCGCTAAAGTGAC
7076	Table 1	NA	485D5	-1	TTGAAGATTGCGAAAGTAACATCTCT CAGTCCAAAGCAGACGCTTATCG
7077	Table 1	NA	486H9	-1	AGTAACCAACCAAGCATAGTTTGA AGGGCTTGCACCACTAGCCCTT
7078	Table 2	NA	494B11	-1	TCTTGCTGTCTCTCTGCTTTTGTTT TATCTTCCGCGCGGACGGTCTGAG
7079	Table 1	NA	478E5	-1	GGCTCGAAACCCCTGGAACCTTGTAG CCTAAATGTATTTTACAATCTT
7080	Table 1	NA	478G6	-1	ATCTTTGATGTGAAGCCCTTAAAAAT AAAAGTGAAGGTGCCAGCTTGCA
7081	Table 3A	NA	478H3	-1	ACCCAGCCTGATGTTTATCTTTTCC CCTCTTCAATTTCTCTTTGTT
7082	Table 1	NA	478C7	-1	AGAAAGACTAACACCAAGATCATGC TGCAACCAACCAAGATCATCTTGA
7083	Table 1	NA	478G8	-1	TCACAAATATAGGCTCAAGGAGTATA AATCCCTCTCAACGACCCACAAA
7084	Table 1	NA	478H7	-1	ACTAACCAACCAATGAGAATCTACT TACCTCGACCACTGCTGTGAACCC
7085	Table 3A	NA	479B4	-1	TGACCGGCTCAAGACCAAAAGGACT CTACTCGATATCTTCTGACTGTG
7086	Table 1	NA	479D2	-1	GAATGACCACTGACGAATTCAGAGC TCACCTCTTGTCTTCAAGCTTT
7087	Table 1	NA	479G2	-1	TTGGTAGAAACCAACCAACCAAAAA TTCCCAAGGCTGTACTGGTCAAGCC
7088	Table 1	NA	479G3	-1	CATAAGTTGGGTGAAGAAATGGTGGT TTAATCAATGTAATAGCTCCCCC
7089	Table 1	NA	479G5	-1	TTCTCATCTCAATA TCCCCAGAGCC CCAGTACCTCATAATACAGACTT
7090	Table 1	NA	479G6	-1	CTATCAGGGCTCCAGATAGTCTTCT ATAAACCAATGATTACAGAGACT
7091	Table 1	NA	479H4	-1	TACCCAAAGTCTATTCTGTAATGAT CTTTTCTATTAGACTGGAAGCTCC
7092	Table 1	NA	479H5	-1	GATGGTTACCAACTGAGGAGCTCA GGGTGACGGGTCCACAGGACACAGA
7093	Table 1	NA	479H6	-1	AGAAATTAGAAGATGACTACCAATTTG CTAAAGTCTATCCATGCGCAGCA
7094	Table 1	NA	479G12	-1	CGCCCTGAGCCCTGCTACACCCCTTTC CAGAGAGGCCCTTAAGATTGCCATT
7095	Table 1	NA	479H12	-1	TGTAAAGTTTCAAAATTAGAGAC CTAGGCCAGTCAAGTACAAATGCA
7096	Table 1	NA	482A5	-1	GAGTTGCTATTCCAGCTCTCTTAAG ATATATCTCCCTTTTATGTCTGAC
7097	Table 3A	NA	483G5	-1	TGGTGTAAATGAACATGCCGTATTGCC TTTATGGCGGATTGAGTCTTCC
7098	Table 1	NA	486C4	-1	AGGGAACCCCAAGAGTTAAACCAG GACCACTATTTCATAGTCAACAAA
7099	Table 1	NA	490F10	-1	GTGTAATAGAGAGCATACAGACCA CCACATCAGCGTAATATAATT
7100	Table 1	NA	493C2	-1	CCACCAACCCCAAGCGCGGACCA AATGCAATACCATACAGAAACACAG
7101	Table 1	NA	58G4	-1	GGCCAAACTTCTTACTCTGCCATTT GTTCATGTCTTAATGAGCATGAA
7102	Table 3A	Hs.169370	DNA sequence from PAC 66H14 on chromosome 6q21-22. Contains FYN (P59-FYN, SYN, SLK) gene coding for two isoforms. Contains ESTs and STSs. <i>locus</i> =(12,1706)	-1	ATCAATCGGGCCCAATCCGAAGTCAGC AATCTTGATATGATGGTCAATGCC

Table 8

7103	Table 1	NA		598H2	-1	TATTTTTACAAAATCACACGGAAGG ATTTCCCTCCCGTCCATGTGTGT CAGATAGTGGTATTGGGTGCTGGG CTTGCTGACCTGAGGAGGTCGGCTG
7104	Table 3A	NA	AA077131	1836605	-1	7B08E10 Chromosome 7 Fetal Brain cDNA Library cDNA clone 7B08E10, mRNA sequence
7105	Table 3A	NA	AA501725	2236692	-1	ng18e12.s1 NCL CGAP_Lip2 cDNA clone IMAGE:929806 similar to contains Alu repetitive element; mRNA
7106	Table 3A	NA	AA501934	2236901	-1	nh56a10.s1 NCL CGAP_P8 cDNA clone IMAGE:956346, mRNA sequence
7107	Table 3A	NA	AA579400	2357584	-1	nf33d05.s1 NCL CGAP_Pr1 cDNA clone IMAGE:915561 similar to contains Alu repetitive element; contains
7108	Table 3A	NA	AF249845	8099620	-1	isolate Siddi 10 hypervariable region I, mitochondrial sequence
7109	db mining	Hs.277051	A1630242	4681572	-1	ad07c09.y1 cDNA /clone=ad07c09- (random)
7110	db mining	Hs.277052	A1630342	4681672	-1	ad08g11.y1 cDNA /clone=ad08g11- (random)
7111	db mining	NA	A1732228	5053341	-1	nf19e05.x5 NCL CGAP_Pr1 cDNA clone IMAGE:914240 similar to contains Alu repetitive element; mRNA s
7112	Table 3A	NA	AW379049	6883708	-1	RC3-HT0230-201199-013-c12 HT0230 cDNA, mRNA sequence
7113	Table 3A	NA	BB232000	6885540	-1	U1-H10p-abh-h-06-U1.s1 cDNA, 3' end /clone=IMAGE:2712035 /clone_end=3'
7114	Table 3A	Hs.325568	AW384988	6889647	-1	6023808f1F1 cDNA, 5' end /clone=IMAGE:4514972 /clone_end=5'
7115	Table 3A	NA	AW836389	7930363	-1	PM0-LT0030-101299-001-f08 LT0030 cDNA, mRNA sequence
7116	Table 3A	NA	AW837117	7931691	-1	CM2-LT0042-281299-062-e11 LT0042 cDNA, mRNA sequence
7117	Table 3A	NA	AW837808	7931782	-1	CM1-LT0042-100300-140-f05 LT0042 cDNA, mRNA sequence
7118	Table 3A	NA	AW842469	7936472	-1	PM4-CN0032-050200-002-c11 CN0032 cDNA, mRNA sequence
7119	Table 3A	NA	AW846856	7942373	-1	QV3-CT0195-011199-001-c09 CT0195 cDNA, mRNA sequence
7120	Table 3A	NA	AW856490	7952183	-1	PM4-CT0290-271099-001-c04 CT0290 cDNA, mRNA sequence
7121	Table 3A	NA	AW891344	8055549	-1	PM2-NT0079-030500-001-a04 NT0079 cDNA, mRNA sequence
7122	Table 3A	NA	BE081115	8405765	-1	QV0-BT0041-011199-039-f08 BT0041 cDNA, mRNA sequence
7123	Table 3A	NA	BE086078	8478469	-1	PM2-BT0672-130400-006-h09 BT0672 cDNA, mRNA sequence
7124	Table 3A	NA	BE091932	8482384	-1	IL2-BT0733-130400-069-C11 BT0733 cDNA, mRNA sequence
7125	Table 3A	Hs.173394	BE180822	8623543	-1	ELL-RELATED RNA POLYMERASE II, ELONGATION FACTOR (ELL2), mRNA /cds=(0,1922)
7126	Table 3A	NA	BE183108	8625827	-1	QV3-HT0457-090400-146-h10 HT0457 cDNA, mRNA sequence
7127	Table 3A	NA	BE186334	8631159	-1	arginine-tRNA-protein transferase 1-p (ATE1) mRNA, alternatively spliced product, partial cds /cds=(0,1544)
7128	Table 3A	Hs.172780	BE176373	8639102	-1	6023401f1F1 cDNA, 5' end /clone=IMAGE:4453466 /clone_end=5'
7129	Table 3A	NA	BE177661	8656813	-1	RC1-HT0598-020300-011-h02 HT0598 cDNA, mRNA sequence
7130	Table 3A	NA	BE178880	8658032	-1	PM1-HT0609-060300-001-g03 HT0609 cDNA, mRNA sequence
7131	Table 3A	NA	BE247056	9098807	-1	TCBAP1D6404 Pediatric pre-B cell acute lymphoblastic leukemia Baylor- HGSC project-TCBA cDNA clone T mRNA; cDNA DKFZp434C0118 (from clone DKFZp434C0118); partial cds /cds=(0,1644)
7132	Table 3A	Hs.11050	BE763412	10193336	-1	TGTCAGTGGCTCTCATCTTTGTTGA ATTGTTGCTTTGGGAAAAACAGC
7133	Table 3A	NA	BF330908	11301656	-1	GATGCGATGGGTTAGGGTTGGGGG TACAGACTGACTTGAGCTCGGAGTG TACGGCACTAGTAAAGGCAAGCACTT GAGTGATACATAAGTCTGATACAA CCTTGCGGCTGAGTTTGGTGCTCTGA AGATTACAGTTTGGTTAGAGAGA
7134	Table 3A	NA	BF357523	11316597	-1	CM2-HT0945-150900-379-g08 HT0945 cDNA, mRNA sequence
7135	Table 3A	NA	BF364413	11328438	-1	RC6-NN1068-070600-011-B01 NN1068 cDNA, mRNA sequence

Table 8

7136	Table 3A	NA	BF373638	11335663	MR0-FT0176-040900-202-g09 FT0176 cDNA, mRNA sequence	-1	ACAGCAAAACAAGTGTTCACATCTCT
7137	Table 3A	NA	BF740663	12067339	QV1-HB0031-071200-562-h04 HB0031 cDNA, mRNA sequence	-1	TATTAACGCCATTAAACAGAGGTT
7138	Table 3A	NA	BF749089	12075765	MR2-BN0386-051000-014-b04 BN0386 cDNA, mRNA sequence	-1	AGTGCATTACACGATGATAAACGA
7139	Table 3A	NA	BF758480	12106380	MR4-CT0539-141100-003-005 CT0539 cDNA, mRNA sequence	-1	TAGTAGCTCCAGAGGTTTGCTCT
7140	Table 3A	NA	BF773126	12121026	CM3-IT0048-151200-568-h08 IT0048 cDNA, mRNA sequence	-1	AAGTGTGATAGAGCAGCTGGAGAT
7141	Table 3A	NA	BF773393	12121293	CM2-IT0039-191200-638-h02 IT0039 cDNA, mRNA sequence	-1	AGCAGACGAGGAGGACATTAGTCC
7142	Table 3A	NA	BF805164	12134153	QV1-CI0173-061100-456-03 CI0173 cDNA, mRNA sequence	-1	CACGAGTAAACAGAGCTGTGTGT
7143	Table 3A	NA	BF818594	12156027	MR3-CI0184-201200-009-a04 CI0184 cDNA, mRNA sequence	-1	GATACCTACTTCCGGGTGCCAGT
7144	Table 3A	NA	BF827734	12171909	RC8-HN0025-041200-022-F08 HN0025 cDNA, mRNA sequence	-1	AACCTCTGACCAATGTACCAGCTAA
7145	Table 3A	NA	BF845167	12201450	RC5-HT1035-271200-012-F08 HT1035 cDNA, mRNA sequence	-1	GCTTGAAGATGTCTCAACAGAAATC
7146	Table 3A	NA	BF869167	12259297	IL5-ET0119-181000-181-b11 ET0119 cDNA, mRNA sequence	-1	ACCGACATGAGGAAGCATCACGCT
7147	Table 3A	NA	BF875575	12265705	QV3-ET0100-111100-391-c02 ET0100 cDNA, mRNA sequence	-1	AGAAATTAAGAGATTTCATGGCA
7148	Table 3A	NA	BF877979	12268109	MR0-ET0109-17100-001-b02 ET0109 cDNA, mRNA sequence	-1	CCAAAGGAGAAAGATGACATAGGT
7149	Table 3A	NA	BF897042	12286501	IL2-MT0179-271100-254-C11 MT0179 cDNA, mRNA sequence	-1	CACACTTGAGGATTGGCAGGTGGG
7150	Table 3A	NA	BF898285	12289744	QV1-MT0229-281100-508-e11 MT0229 cDNA, mRNA sequence	-1	GCATCTTCTTGAAGACGGGAGCTCT
7151	Table 3A	NA	BF899464	12290923	IL5-MT0211-011200-317-403 MT0211 cDNA, mRNA sequence	-1	ACTCAGATTGCTTTTGTATTAGG
7152	Table 3A	NA	BF904425	12295884	CM1-MT0245-211200-462-d02 MT0245 cDNA, mRNA sequence	-1	GCCTATTTCCTTGATCTCTTCT
7153	Table 3A	NA	BF906114	12297573	IL3-MT0257-281200-425-A05 MT0257 cDNA, mRNA sequence	-1	TCGAATGACCTCCCAAGCAATA
7154	Table 3A	NA	BF926167	12323197	CM2-NT0193-301100-562-c07 NT0193 cDNA, mRNA sequence	-1	TTTAACCCAGCTGGTAGCCCTCG
7155	Table 3A	NA	BF928844	12326772	QV3-NT0216-061200-517-g08 NT0216 cDNA, mRNA sequence	-1	GAGAGGAGGGGATTTAGAGAGA
7156	Table 3A	NA	BG006820	12450386	RC4-GN0227-271100-011-d03 GN0227 cDNA, mRNA sequence	-1	GTGGCTTCTGTAATAAGAGCAGT
7157	Table 3A	NA	F11941	706260	HSC3F051 normalized infant brain cDNA cDNA clone c-33f05, mRNA sequence	-1	CACACACAGCTGGCGGAGCAGA
7158	Table 3A	NA	U46388	1235904	HSU46388 Human pancreatic cancer cell line Patu 89881 cDNA clone xs425, mRNA sequence	-1	GGCTCTGTGCTGTGACGCTGCAT
7159	Table 3A	NA	U75805	1938265	HSU75805 Human cDNA clone f46, mRNA sequence	-1	TCCACAGACCAACTAAGCTCAAC
7160	Table 3A	NA	V27656	1307858	36F10 Human retina cDNA randomly primed sublibrary cDNA, mRNA sequence	-1	TAATGACCAACCACTGCACTGA
7161	db mining	HS.681	NM_004146	10764846	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 7 (18kD, B18) (NDUFb7), mRNA /cids=(22,435)	1	CCACCAATGGCGCTAGTATTGAG
7162	db mining	HS.943	NM_004221	4758811	natural killer cell transcript 4 (NK4), mRNA /cids=(59,763)	1	ATTGAATCATCTGCTGTGCAGCC
7163	db mining	HS.1063	NM_003093	4507126	small nuclear ribonucleoprotein polypeptide C (SNRPC), mRNA /cids=(15,494)	1	ACCTCATCCGGCTGCAAGTGGAG
7164	db mining	HS.1321	NM_000505	9961354	coagulation factor XII (Hageman factor) (F12), mRNA /cids=(49,1896)	1	CGTGACAGCTTCCCAACTCTCTG
7165	db mining	HS.288856	NM_003903	14110370	prefoldin 5 (PFDN5), mRNA /cids=(423,926)	1	GACCTGTGCTGTGCGACCTGCGAT
7166	db mining	HS.1975	NM_030794	13540575	hypothetical protein FLJ21007 (FLJ21007), mRNA /cids=(257,2212)	1	TAATAAAAGCTGTGTACCTTCCC
7167	db mining	HS.3804	NM_014045	13027587	DKFZP664C1840 protein (DKFZP664C1840), mRNA /cids=(565,1260)	1	GCATTAAGAGAGACTGTCTCCCTGT
7168	db mining	HS.3832	NM_032493	14210503	clathrin-associated protein AP47 (AP47), mRNA /cids=(76,1347)	1	CTATGAAGAAATAGT117TGGAG
7169	db mining	HS.4113	NM_006621	5729723	S-adenosylhomocysteine hydrolase-like 1 (AHCLY1), mRNA /cids=(47,1549)	1	GGGACTCATCTTCCCTCCTTGGTGA
7170	db mining	HS.8348	NM_000991	13904865	triosephosphate isomerase 1 (TPH1), mRNA /cids=(34,783)	1	TCCCGCAGTAGAGAGTGGCTGGG
7171	db mining	HS.5076	AK025781	10436401	cDNA FLJ22128 fis, clone HEP19543 /cids=UNKNOWN	1	AGACTGGATGCGACACCTTGCACAA

Table 8

7172	db mining	Hs.5298	NM_015999	7705760	CGI-45 protein (LOC51094), mRNA <i>l</i> cds=(182,1294)	1	TTATATACCCCTGGTCCCATCTTTCTAG GGCCTGGATCTGCTTATAGAGCA
7173	db mining	Hs.5473	AW953785	8143468	602659796F1 cDNA, 5' end <i>l</i> clone=IMAGE:4802950 <i>l</i> clone_end=5'	1	GTTTACTCCGTCCTCATCTACCTGGTGT GGCTGTGGGCAAAACACCTATTGCG
7174	db mining	Hs.5831	NM_003254	4507508	tissue inhibitor of metalloproteinase 1 (erythroid potentiating activity, collagenase inhibitor) (TIMP1), mRNA <i>l</i> cds=(62,685)	1	GAACTGAAGCTTGCACAGTGTCCAC CCTGTGCCACTCCCATCTTTCTTC
7175	db mining	Hs.5850	BF698865	11984293	hypothetical protein FLJ23306 (FLJ23306), mRNA <i>l</i> cds=(562,930)	1	GAGAACCAAGAGAGACAAACAGACGC AGCAAAACAGCCGAAGCACCAGACAA
7176	db mining	Hs.6211	NM_015846	7710138	methyl-CpG binding domain protein 1 (MBD1), transcript variant 1, mRNA <i>l</i> cds=(138,1956)	1	AATTCAGAAAATTTGTTGGGAGGACAG CCCTTTTGTGAACCTGTTTGTGGGG
7177	db mining	Hs.6295	AL060220	5262711	mRNA: cDNA DKFZp586P0123 (from clone DKFZp586P0123); partial <i>l</i> cds <i>l</i> cds=(0,1067)	1	TTTACCGACAGCTCGAAGGTGCTATTGT CTTCGCTGTGTTTGAATAAAATCA
7178	db mining	Hs.6441	AL110197	5817115	mRNA: cDNA DKFZp586J021 (from clone DKFZp586J021) <i>l</i> cds=UNKNOWN	1	GTCCTGATGCTGTGTATCAATCTTTGA GCAATCGCTCGGTCCGTGGACAA
7179	db mining	Hs.6459	NM_024531	13375681	hypothetical protein FLJ11856 (FLJ11856), mRNA <i>l</i> cds=(239,1578)	1	GGTAAGCCOCTGAGCCTGGGACCTCA CATGTGGTTGGGTATATAAAAGATT
7180	db mining	Hs.6616	AL524742	12789235	AL524742 cDNA <i>l</i> clone=CS00C008Y0747-5 (prime)	1	TCYGGCTCTGACCGGTTGATGGCCTT GAGCGAATGAATTAATGAATTA
7181	db mining	Hs.6650	NM_007259	6005775	vacuolar protein sorting 45B (yeast homolog) (VPS45B), mRNA <i>l</i> cds=(33,1745)	1	TGCCCTACATAGCAATTTCTGTGGCG ACTGAGAAACCATGTATGACCCACA
7182	db mining	Hs.6763	NM_015310	7662395	KIAA0942 protein (KIAA0942), mRNA <i>l</i> cds=(52,1656)	1	GCAGTGTACTGTGTGCAATACCAAGG GCATAGCTCCCTGTAATTTGGGAA
7183	db mining	Hs.6780	NM_007284	6005845	protein tyrosine kinase 5-like (A6- related protein) (PTKAL), mRNA <i>l</i> cds=(104,1153)	1	CTGAGACTAGGTTCCGACGACAGCC CAGAAACCTTGGCCACAAGAAGTG
7184	db mining	Hs.6817	NM_025200	13376793	putative oncogene protein hlc14-06-p (HLC14-06-P), mRNA <i>l</i> cds=(51,635)	1	TGCCCTCCATGTTTAAAAATGCGAG TAAATAAATTTCTGGATGAGACT
7185	db mining	Hs.7709	U79457	4205083	Homo sapiens, Similar to VW domain binding protein 1, clone MGC:15305 IMAGE:4309279, mRNA, complete <i>l</i> cds <i>l</i> cds=(162,971)	1	GCTTTACCCCGCAGGACATACACAG GAGCCCTTGATCTCTAATAAGAGA
7186	db mining	Hs.7740	AF288741	14209837	oxysterol binding protein 2 (OSBP2) mRNA, complete <i>l</i> cds=(112,2748)	1	GGAATGTACCTCTCCCCAACACTGTT TTGTTAGGAGCAACCTTTTGACCA
7187	db mining	Hs.8108	NM_021080	10835268	disabled (Drosophila) homolog 1 (DAB1), mRNA <i>l</i> cds=(765,2426)	1	ACTCGCTCAGCAAGGGAACCTAAGC ATTTTGTGGCAACAAAGGGCAGAT
7188	db mining	Hs.8109	NM_022743	12232400	hypothetical protein FLJ21080 (FLJ21080), mRNA <i>l</i> cds=(127,1236)	1	AGCTGTGTGAACCTCTCTTATTGGAA ATTCTGTGTGGCTGTTTGTGTAGGT
7189	db mining	Hs.8207	NM_020198	8910241	GK001 protein (GK001), mRNA <i>l</i> cds=(184,1635)	1	AGTCCCACTAATTTGAGCACCAGGACG CTAATTTTGTAACTTGAAGCTATCA
7190	db mining	Hs.82627	BC007375	13938462	leptin receptor short form (db) mRNA, complete <i>l</i> cds=(0,2690)	1	CTGCCCCCTCTCGGACCTTCGTCCT TACTGAGTCTCTAAGACTTTTCTGT
7191	db mining	Hs.8768	NM_018243	8922711	hypothetical protein FLJ10849 (FLJ10849), mRNA <i>l</i> cds=(93,1382)	1	GGATAACATTTCTCATGAACCCACTG CCCTCTGATTTTCTGCTACCTGGT
7192	db mining	Hs.8834	NM_006315	5454011	ring finger protein 3 (RNF3), mRNA <i>l</i> cds=(114,857)	1	CGCTTAAGAACATCGCTCTGGGTGT CATGTGGACCAGACTCTGTAATAG
7193	db mining	Hs.9883	NM_006260	5453979	protein-kinase, Interferon-inducible double stranded RNA dependent inhibitor (PRKRI), mRNA <i>l</i> cds=(890,2204)	1	GGGTTCAAGCTCTGACCTCAGGCG GACCATTAGATTAAATCCACTT
7194	db mining	Hs.9825	NM_016062	7706342	CGI-128 protein (LOC51647), mRNA <i>l</i> cds=(35,526)	1	GCTCCTGCCAGGCTGTATACCGTGTG TTTCTTGAATCATCAACATAGAGA
7195	db mining	Hs.10590	AL031685	9368423	DNA sequence from clone RP5- 963K23 on chromosome 20q13.11-13.2 Contains a KRT18 (Keratin type I, Cytoskeletal 18 (Cytokeratin 18, CK18,CYK18)) pseudogene, a gene for a novel protein, the gene for spermatogenesis associated protein PD1 (KIA00757) and the 3' end of the gene for KIAA0939 (novel Sodium/hydrogen exchanger family member). Contains ESTs, STSS, GSSs and four putative CpG islands <i>l</i> cds=(2,688)	1	AATCTGGGCAAGCTTCCGTTTGAGGG ACTGATGTGAGTGTATGTCCACCT
7196	db mining	Hs.11465	NM_004832	4758433	glutathione-S-transferase like; glutathione transferase omega (GSTL1p28), mRNA <i>l</i> cds=(9,734)	1	GACTATGGGCTCTGAGGGGGGACAG AGTCAGCAATAAAGCATGTCTGAT
7197	db mining	Hs.11538	NM_005720	5031600	actin related protein 2/3 complex, subunit 1A (41 kD) (ARPC1B), mRNA <i>l</i> cds=(80,1198)	1	AGGGAGGGGACAGATGGGAGAGCTTT TCTTACCTATTCAAGGAATACGTGC

Table 8

7198	db mining	Hs.12707	AK023168	10434970	cDNA FLJ13106 fls, clone NT2RP3002465, highly similar to mRNA for KIAA0678 protein <i>cds=UNKNOWN</i>	1	ACGCTTCTGAAAGCTCAGACATACACAT TAGTATGTATAACTGGCTTTACCA
7199	db mining	Hs.12785	AL031685	9368423	DNA sequence from clone RP5-963K23 on chromosome 20q13.11-13.2 Contains a KRT18 (Keratin type I, Cytoskeletal 18 (Cytokeratin 18, CK18, CYK18)) pseudogene, a gene for a novel protein, the gene for spermatogenesis associated protein PD1 (KIAA0757) and the 3' end of the gene for KIAA0939 (novel Sodium/hydrogen exchanger family member). Contains ESTs, STSs, GSSs and four putative CpG islands <i>cds=(0,1313)</i>	1	TTTAAGGGAGTCAGGAATAGATGTAT GAACAGTCGTGTCACTGGATGCCT
7200	db mining	Hs.13323	NM_022752	12232416	hypothetical protein FLJ22059 (FLJ22059), mRNA <i>cds=(783,1967)</i>	1	CCGACCTTCCACCTCTTAGCACTGGT GACCCGAAAAATGAACACCTCAAT
7201	db mining	Hs.13659	AL080209	5262698	Hypothetical protein DKFP2586F2423 <i>cds=(1478)</i>	1	AGACCCAGCAGTGTTTAAATCTAAATA CGTTGTGAGTCTGTATTCTGTCTCT
7202	db mining	Hs.14089	NM_013379	7019510	dipeptidyl peptidase 7 (DPP7), mRNA <i>cds=(3,1478)</i>	1	ACCTGAGCTCTGAGACCTCCGACG AGAAATCTCTGCTCTCGTGTGTAG
7203	db mining	Hs.16488	NM_004343	5921996	calreticulin (CALR), mRNA <i>cds=(68,1321)</i>	1	GGGCATGGTCCGACATGTGCTCA CACTGAGAATGTAGAACCTACAAAC
7204	db mining	Hs.16580	NM_018303	8522629	hypothetical protein FLJ11026 (FLJ11026), mRNA <i>cds=(31,2355)</i>	1	TGGCCTTAAAGTTTCTAATTCAGCG GGTTTTGGAAAAATTTATGTGCT
7205	db mining	Hs.106438	AB028950	5689390	clone 24775 mRNA sequence <i>cds=UNKNOWN</i>	1	TGCGAGATTATAAGCCCAACAGAGT CATGCTCCAAATAAATGATTCTCA
7206	db mining	Hs.18586	NM_014826	7662135	KIAA0451 gene product (KIAA0451), mRNA <i>cds=(1462,2219)</i>	1	CCAAACAATGATGTGGATCTTTTGG ACAGAAATATTTAAAGTGGATGG
7207	db mining	Hs.19575	NM_015941	7706261	CSJ-11 protein (LOC51608), mRNA <i>cds=(233,1684)</i>	1	ACAAAGATCAACTGTTGTCTTTTCA AACCAATTTGGGAGAATTGTTCG
7208	db mining	Hs.20529	AK025464	10437985	cDNA: FLJ21811 fls, clone HEP01037 <i>cds=UNKNOWN</i>	1	GCTGGGAGCTCAGCCTCTGTGTCCA TAAAGACATTAAAGATGGATGGA
7209	db mining	Hs.20725	NM_020963	14211539	Mov10 (Moloney leukemia virus 10, mouse) homolog (MOV10), mRNA <i>cds=(70,3081)</i>	1	GGAGAAATGACACATCAAGCTGCTAAC AATTGGGGGAAGGGGAAGGAAGAA
7210	db mining	Hs.343580	AB011104	3043587	601471579F1 cDNA, 5' end <i>cds=IMAGE:3874747 cdn_end=5'</i>	1	ACCTGGGTTTAATACAGCTCACATCA CTGAATGTACATGAGTTTAA
7211	db mining	Hs.23449	NM_018842	10047119	insulin receptor tyrosine kinase substrate (LOC55971), mRNA <i>cds=(333,1553)</i>	1	CTTAAAGGACGCTTTCGCTGGCCCT TTATTACAGCCACACAGGTAGGC
7212	db mining	Hs.23990	NM_017838	8923443	nucleolar protein family A, member 2 (H1ACA small nuclear RNPs) (NOLA2), mRNA <i>cds=(86,547)</i>	1	TCCATCAGTGCCATTTCCTGTAGAAC TAAAGGCTTTCCAGAAATGTGGG
7213	db mining	Hs.24024	NM_015376	7662333	KIAA0846 protein (KIAA0846), mRNA <i>cds=(272,2341)</i>	1	ATCTGTAAAGCACTCAGAAGGACGCC ATCCCTAGATGTGTGGTTTCATGTA
7214	db mining	Hs.334842	BC006330	14249901	tubulin, alpha, ubiquitous (K-ALPHA-1), mRNA <i>cds=(67,1422)</i>	1	TGGTTAGATTTTTCACGTGTGGAT TGCTTTTTCATGTGTACCTGTG
7215	db mining	Hs.24641	AK022982	10434887	cDNA FLJ12920 fls, clone NT2RP2004594 <i>cds=(96,2144)</i>	1	CATGTCCCTTGAACATGATAGTTAT ATACAGCAATTTCTTCCACACAT
7216	db mining	Hs.321105	NM_015462	7661683	cDNA: FLJ21737 fls, clone COLF3396 <i>cds=UNKNOWN</i>	1	AGGTTTTCACATGAACCTGTTCTAGGC TGTGGACATTGGTGTGGAGAGGTT
7217	db mining	Hs.26802	NM_021158	11058039	protein kinase domains containing protein similar to phosphoprotein C8F9 (LOC57761), mRNA <i>cds=(294,1370)</i>	1	GACACTTGGGTGCCAATCCGAGC TCCATACTCTGAGTTTGGATACCA
7218	db mining	Hs.26892	NM_018456	8922098	uncharacterized bone marrow protein BM040 (BM040), mRNA <i>cds=(357,749)</i>	1	AGAAATGATTGCGAGCTGAGTGAATC AGGAAGTGACAGTGATGACTGAAG
7219	db mining	Hs.27076	NM_003729	4506588	RNA 3'-terminal phosphate cyclase (RPC), mRNA <i>cds=(170,1270)</i>	1	TCCTGAGAGATGGCAATGAAATATC AGTTGGTGGATATGTGTATAGCT
7220	db mining	Hs.27445	NM_016209	7706428	unknown (LOC51693), mRNA <i>cds=(58,480)</i>	1	CTTTCAAGGCAAGCGAGCTGTGCATG TTTCTTCAACTAAAGGCTTGTGAG
7221	db mining	Hs.27633	NM_015456	7661663	DKFZP586B0519 protein (DKFZP586B0519), mRNA <i>cds=(75,1199)</i>	1	GCTCGGACAGCGGTGAGATTTCTGCT TATGTAATAAAGAGCAATTTGCT
7222	db mining	Hs.28310	BG260891	12770707	862372491F1 cDNA, 5' end <i>cds=IMAGE:4480510 cdn_end=5'</i>	1	CTCAACGAAAGGCTCACATCAACAGG GGAGGATTACAGCCCACTACTACT
7223	db mining	Hs.28914	NM_000485	4502170	adenine phosphoribosyltransferase (APRT), mRNA <i>cds=(71,613)</i>	1	CCACACTGAACCAATTACACACAGC GGGAGAACGCAATTAACAGCTTTC
7224	db mining	Hs.29893	AL133426	6562628	mRNA full length insert cDNA clone EUROIMAGE 146397 <i>cds=UNKNOWN</i>	1	AGGCGGCTGGGAAATTTGTGCTTCCA AGCGGCGCTCAATTTCTGCTTTT
7225	db mining	Hs.30120	BF970066	12337281	602272333F1 cDNA, 5' end <i>cds=IMAGE:4360293 cdn_end=5'</i>	1	TATTAAGCTTGGCGAGCTCTGCTTTC ATGAAGTTCCCCAGCGGTGGCC

Table 8

7226	db mining	Hs.30250	AF055376	3355147	short form transcription factor C-MAF (c-maf) mRNA, complete cds /cds=(807,1928)	1	GCTATACCACTGACTGATTGAAAAC CAAAGTATTAAAGGGGAAACGCC
7227	db mining	Hs.30443	AL136599	13276698	mRNA; cDNA DKFZ564G1816 (from clone DKFZ564G1816); complete cds /cds=(137,3091)	1	TGGGGGTCAGTTAGGCTTCAGTATTC TTAGCTTTTGTGATTTGGCATT
7228	db mining	Hs.31137	NM_006504	5729992	protein tyrosine phosphatase, receptor type, E (PTPRe), mRNA /cds=(51,2153)	1	ATGGGTGCAAAACCTGGAAACAGTATGA ATTCTGCTCAAAAGTGTGACAAGA
7229	db mining	Hs.34114	NM_000702	4502270	ATPase, Na+/K+ transporting, alpha 2 (+) polypeptide (ATP1A2), mRNA /cds=(104,3166)	1	AGAAAGCAGCGATGCATGGGCTAAT TATCATCAATCTTATGATTGTTT
7230	db mining	Hs.35254	NM_020119	9910221	hypothetical protein FLB6421 (FLB6421), mRNA /cds=(310,792)	1	GGAAATGTGCTGTGGGGGATTCATT GTAACTCTTGTGACCTTACAGT
7231	db mining	Hs.38735	BG149337	12661367	nc28566.1 cDNA, 3' end /clone=IMAGE:3366730 /clone_end=3'	1	ATATGCCAACTGTGACAGCTGGCGTT TGAAAATACCATGGAACGTTTCCA
7232	db mining	Hs.41322	AI655467	4739446	tt13b01.x1 cDNA, 3' end /clone=IMAGE:2240617 /clone_end=3'	1	ACATTCTGACTCCATCTCGCGGCTCA TTAAGGTGATAGAACTACATAGG
7233	db mining	Hs.42346	AY013295	11693027	calneurin-binding protein calsarcin-1 mRNA, complete cds /cds=(131,925)	1	ATGATAATGTTGGCATCTGTGATAAA CTATCAATGAGGCTCCGATGATGC
7234	db mining	Hs.42699	AW955580	8146278	EST368665 cDNA	1	ACAGTCACATGTAGAAAAGCTCCGAC TATTAAGCTCCTGATTCATTCCT
7235	db mining	Hs.44131	AB023191	4589591	mRNA for KIAA0874 protein, partial cds /cds=(0,1697)	1	ATGGCAACAATGTCAGACGAACGA GTAGATCCCTGCTGATCCAAATACCA
7236	db mining	Hs.44441	BE295812	9179366	601178627F1 cDNA, 5' end /clone=IMAGE:3532039 /clone_end=5'	1	GGGAACCCCTGATTAATGACGACGAA CACCAGAGGCTATGACCAACGACGAC
7237	db mining	Hs.46919	AY007155	9956067	clone CDABP0095 mRNA sequence /cds=UNKNOWN	1	GGCTCACCAGAGTACCCAGAAGAA CAGTATGGAAATGAGGACAGCTGCG
7238	db mining	Hs.56009	NM_006187	5453823	2'-5'-oligoadenylate synthetase 3 (100 kD) (OAS3), mRNA /cds=(34,3297)	1	ATTCGACGCTCAGCTTTGGCAAT GGCCACCCCTGGTGTGGCATATTG
7239	db mining	Hs.57843	W63785	1371386	z3f0g08.s1 cDNA, 3' end /clone=IMAGE:342208 /clone_end=3'	1	GCATACATAAAGGGAAGAATGACAA AAGGCTTAACTCCACTAGAAAGACA
7240	db mining	Hs.58373	BF339746	11286202	602034942F1 cDNA, 5' end /clone=IMAGE:4182851 /clone_end=5'	1	ATATATGGGGAAGCAAAACACAGAGG GCGGGGATGATCATGATGACAGAGC
7241	db mining	Hs.59238	NM_032139	14149802	hypothetical protein DKFZp434L0718 (DKFZp434L0718), mRNA /cds=(133,3285)	1	TCTAATGTGCTTGGATATGTGCCAA ATGATGGAAAGAAACAGTAACACT
7242	db mining	Hs.82408	NM_024680	13375912	hypothetical protein FLJ22573 (FLJ22573), mRNA /cds=(99,1166)	1	GCCTTGGCTACTGGGGTTTGTCTGG GCCTTAACACCCAAATAAAGAACTTTG
7243	db mining	Hs.83042	NM_018457	8922156	DKFZP564J157 protein (DKFZP564J157), mRNA /cds=(77,523)	1	CTGCGGTTTGGAACTCTCTCTCTCC TCCTTAGCCCAATATGCTGCTCTG
7244	db mining	Hs.85848	NM_005105	4826971	RNA binding motif protein 8A (RBM8A), mRNA /cds=(12,536)	1	TCGAGGCATTTTGACAGGAGCTCTGA AGTGGCCCTTTAGTAGTAATAGTCT
7245	db mining	Hs.339698	NM_003974	4503358	oh47h10.s1 cDNA, 3' end /clone=IMAGE:1469827 /clone_end=3'	1	TGGCAGCCAGGAAGTGAATGATGACA ATGTGTGATTAAGAAAGGCCCAAA
7246	db mining	Hs.75058	NM_003938	4501976	adaptor-related protein complex 3, delta 1 subunit (AP3D1), mRNA /cds=(209,3547)	1	AGAGAGACCAATATCACGCTGCTGTG ATGATTTTGTCTCAAGATGATCCA
7247	db mining	Hs.75082	NM_001665	4502218	ras homolog gene family, member G (rho G) (ARHG), mRNA /cds=(129,704)	1	CTTCTGGGACCTTCTCTACCCCCAT CAGCATCAATAAACCTCCTGTCT
7248	db mining	Hs.75309	NM_001961	4503482	eukaryotic translation elongation factor 2 (EEF2), mRNA /cds=(0,2576)	1	TAGATATTTCTAGCAGCGCAGGAAGT CGCTGTGGGCTGTACCATGACGAGT
7249	db mining	Hs.75725	NM_003564	4507356	transgelin 2 (TAGLN2), mRNA /cds=(73,672)	1	CCATGTCCTGGGGCTAGGAAGAT GAGTTTGTGATTTAAATAAAGAT
7250	db mining	Hs.75770	NM_000321	4506434	retinoblastoma 1 (including osteosarcoma) (RB1), mRNA /cds=(138,2924)	1	AGGTCAAGGCTACTTATTTCTGGGT CTTTGCTACTAAGTTACACATTAG
7251	db mining	Hs.75790	NM_002642	4505794	phosphatidylinositol glycan, class C (PIG-C), mRNA /cds=(293,1186)	1	TTTCTGGGACCTCTTGATTTACATG CTGTGAACATAGGAAGTATGTGTGT
7252	db mining	Hs.76057	NM_000403	9945333	galactose-4-epimerase, UDP- (GALE), mRNA /cds=(76,1122)	1	TGGCAACAAACCTCCTCTCCGAGGC AGCATTTTATTTGCTGTGAAGA
7253	db mining	Hs.76962	NM_032327	14150105	hypothetical protein MGC2993 (MGC2993), mRNA /cds=(158,1048)	1	TGAGGCTACTGCGCTCTTCCATGCTC TGCTTAAGGAGGACCAATAAAGG
7254	db mining	Hs.77268	NM_002826	13325074	quiescin Q6 (QSCN6), mRNA /cds=(75,2319)	1	CACCGCTACCCCTGCTTTGGGAGGT GTGTGGAATAAATTTTGTGTTAA
7255	db mining	Hs.77290	NM_006755	5803186	transaldolase 1 (TALDO1), mRNA /cds=(50,1063)	1	AATGCAAGAGGATGGAAGATGCGCAT CCCTGAGGCTGCACCTCAGATCTG
7256	db mining	Hs.77805	NM_001696	4502316	ATPase, H+ transporting, lysosomal (vacuolar proton pump) 31kD (ATP6E), mRNA /cds=(73,755)	1	GTGGGACACCACTCCTCCAGACAGTA GTGCTTCTACTGTACTGCTTTTGA
7257	db mining	Hs.78592	NM_001414	4503502	eukaryotic translation initiation factor 2B, subunit 1 (alpha, 26kD) (EIF2B1), mRNA /cds=(10,927)	1	ACGACAGATATCTGATGCTGTCACT GCTTAAGAAATGCGCTCTGGAAT

Table 8

7258	db mining	Hs.78605	BC006159	13544048	Homo sapiens, clone IMAGE:3635549, mRNA, partial cds /cds=(0,891)	1	AACATGTCCCTGGAGAGTAGCTCGC TCCACACTGTCACTGGATGTCAT
7259	db mining	Hs.78890	AF171938	5852989	NUMB isoform 1 (NUMB) mRNA, complete cds /cds=(270,2225)	1	CAGTTGCACCTTGTGACCTCGGATA ACATAAAGAGCTCATCTTCATT
7260	db mining	Hs.79150	NM_006430	5453604	chaperonin containing TCP1, subunit 4 (delta) (CCT4), mRNA /cds=(0,1610)	1	TGGGCTTGGCTTCCAGCTTGGCAATT GCGCTGAAGTTGATTGAACAATT
7261	db mining	Hs.79259	NM_016404	7705476	hypothetical protein (HSPC152), mRNA /cds=(35,412)	1	TTCTGCGGCTGGTATCCCCAACCTT GACCCAAATGACACCAACACAGTG
7262	db mining	Hs.79356	NM_006762	5803055	Lysosomal-associated multispanning membrane protein-5 (LAPTM5), mRNA /cds=(75,863)	1	TGTTGCGGACAGGAGGAAGTTTCA ATAAAGCAACCAACAGGTTCAAGGA
7263	db mining	Hs.79572	NM_001909	4503142	cathespain D (lysosomal aspartyl protease) (CTSD), mRNA /cds=(2,1240)	1	CTCCCTTTGGGCGGCTGAGAGCCCC AGCTGCATGGAAATACAGTTTGTG
7264	db mining	Hs.81337	NM_009587	6806889	lectin, galactoside-binding, soluble, 9 (galectin 9) (LGALS9), transcript variant long, mRNA /cds=(56,1123)	1	CTCCACCACTGACACAGAGTGTCTC TTCAGAGGACTGGCTCTTCCCA
7265	db mining	Hs.82030	NM_004184	7710155	tryptophanyl-tRNA synthetase (WARS), mRNA /cds=(187,1602)	1	CTCTGCGCCTCTGTCAACCAGTAGAG TAAATAAACTTCTTGGCTCCTAA
7266	db mining	Hs.82306	NM_016816	8051620	2',5'-oligoadenylate synthetase 1 (40-46 kD) (OAS1), transcript variant E18, mRNA /cds=(35,1235)	1	AAATTCGACGCTTGACCTTCTCTGT GCACCTGATGGGAGGTAATGTCT
7267	db mining	Hs.82933	BC008739	14250568	Homo sapiens, protein x 013, clone MGC:3073 IMAGE:3346340, mRNA, complete cds /cds=(101,325)	1	CTGTAGGCCAGGGTGGATGAAGATC AGCTCCTTTTATAGTGAATATG
7268	db mining	Hs.83753	NM_003091	4507124	small nuclear ribonucleoprotein polypeptides B and B1 (SNRPB), mRNA /cds=(0,685)	1	TTGGCGGGCCATCCCAACAGGTGAT GACCCCAACAGGAGAGGTACTGTT
7269	db mining	Hs.85838	NM_004207	4759111	solute carrier family 16 (monocarboxylic acid transporters), member 3 (SLC16A3), mRNA /cds=(62,1469)	1	GGAAGATGGAAATAAACCTGCGTGTG GGTGGAGTGTCTCTGCGCAATT
7270	db mining	Hs.306565	NM_013341	9558756	clone HQ0689 /cds=UNKNOWN	1	AGTGAGGAGCATGTGGCTTGTCTCCT TTTGAATCTCAGAGATATGTCATG
7271	db mining	Hs.89497	NM_005573	5031876	lamin B1 (LMNB1), mRNA	1	GAGGGTCGGGAGGAGGTGGAGGAG GAGGGAAGGGTTTCTCTATTAAATG
7272	db mining	Hs.89525	NM_004494	4758515	hepatoma-derived growth factor (high-mobility group protein 1-like) (HDGF), mRNA /cds=(315,1037)	1	TGCTGTAGCTGTAGCTTGTGAAGTTT CTCTGAGAACCTGTAGATGATTCA
7273	db mining	Hs.92208	NM_003815	11497001	a disintegrin and metalloproteinase domain 15 (metagelatin) (ADAM15), mRNA /cds=(7,2451)	1	GATTGAGGAGAGTCCGACACGGCTG TCTCTGCTCAGTTGCAATAAACGTC
7274	db mining	Hs.103527	NM_003975	4503632	SH2 domain protein 2A (SH2D2A), mRNA /cds=(86,1256)	1	GATTTCTTGCTGGGCTAAATCAATCA CCAACCTGCTTCTCCTACAGGGA
7275	db mining	Hs.104679	BF347382	11294957	Homo sapiens, clone MGC:18216 IMAGE:4156235, mRNA, complete cds /cds=(2206,2373)	1	AGATTTCTAGGGCAGCTTTTGTCCCT TTGAGGGGTTTCCACACGGAGTCT
7276	db mining	Hs.105749	AB011125	3043829	mRNA for KIAA0563 protein, partial cds /cds=(0,3269)	1	GCCATACCTCTGGCTGCTCTTTGGCT TCCTAGGCGCAATCTTTTAACTT
7277	db mining	Hs.105751	AL138761	8573811	DNA sequence from clone RP11-16H23 on chromosome 10. Contains the gene KIAA0204 (HSLK) for a protein kinase, the COL17A1 gene for collagen type XVII alpha 1 (BP180), ESTs and GSSs /cds=(0,3557)	1	TGCGCTTTACTATCTGACGTAACA TGCTTTTCAATCATGGGATTGAC
7278	db mining	Hs.324406	AK026741	10439662	ribosomal protein L41 (RPL41), mRNA /cds=(83,180)	1	TGGACCTGTGACATTTGGAATATTT CTGTGTTATTGTTGGCCGAGTGT
7279	db mining	Hs.108371	NM_001950	12689914	E2F transcription factor 4, p107/p130-binding (E2F4), mRNA /cds=(62,1303)	1	TGAAGGTCTGTGACCTCTTTGATGT TGCTTGTCTCAACCTCTGACTGA
7280	db mining	Hs.109760	NM_002491	4505380	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3 (12kD, B12) (NDUFB3), mRNA /cds=(252,548)	1	CCTGGAGTCCGCTGAATAAAGATA AGCATCATCAAGATAATACCTGG
7281	db mining	Hs.109857	AF151783	14248494	MEG3 (MEG3) mRNA, complete cds /cds=(52,2253)	1	TTGTCCCGAAGATTGCGCCCTTTAGT GCTTTTGTGAGGGTTTCCCATCTTC
7282	db mining	Hs.306417	NM_014714	7862193	cDNA FLJ10935 fis, clone OXAC1000691 /cds=(250,936)	1	CTTCTAGGCTCTGCCACCGGCCAC CAACACTCTGTATTCCCAATAAAG
7283	db mining	Hs.114149	BG821594	13672965	60281009F1 cDNA, 5' end /clone=IMAGE:4730856 /clone_end=5'	1	TTAATAATGCTCATGGTGTGGAGG GGATTGCATTAATGATTATGCCA
7284	db mining	Hs.118786	BF131637	10970677	601820457F1 cDNA, 5' end /clone=IMAGE:4052246 /clone_end=5'	1	CTCACACACCGAGGCGACAGTCA ACAACACGAGGAACAAGCTACACAC
7285	db mining	Hs.122559	NM_024872	13376307	hypothetical protein FLJ22570 (FLJ22570), mRNA /cds=(0,1490)	1	TGAATAGTGTGCAGACTCACAGATA TAAAGCTCAGAGAGCTCCCGGACA
7286	db mining	Hs.123373	AW963279	8153115	60285326F1 cDNA, 5' end /clone=IMAGE:4994982 /clone_end=5'	1	CCAGTCTCTACAGAGTTAAAGGAA AGATCTGCTGTAGTGTGTAGTCT

Table 8

7287	db mining	Hs.125078	AF090094	4063629	clone IMAGE 172979 c/ds=UNKNOWN	1	CGAGCCGACCATGCTCTTCATTGTCCT CCACAAAGACCCGAGGACGAGCG
7288	db mining	Hs.130740	AK000315	7020316	cDNA FLJ20308 fls, clone HEP07264 c/ds=(90,1229)	1	TTTCCGCTTATGCTGCTGCTGCTTTT TCCTTTCCTTCCCTTCTCCACT
7289	db mining	Hs.132955	AL132865	6137021	mRNA; cDNA DKFZp568E034 (from clone DKFZp568E034); complete cds c/ds=UNKNOWN	1	AACCCGTTGTGGAAATATGTGAAAT AACTGAGGCCAAAGTATTATGACT
7290	db mining	Hs.133230	BC000085	12652672	Homo sapiens, ribosomal protein S15, clone MGC:2295 IMAGE:3507983, mRNA, complete cds c/ds=(14,451)	1	GCCCCGATCTACACCCCTGAGCCT CAGAGCACTGCTACTTTTAAATAA
7291	db mining	Hs.142677	AK024108	10436406	cDNA FLJ14046 fls, clone HEMBA1006461 c/ds=UNKNOWN	1	AAGCGTCTCATGGAATGCGAGCTGGT TGGGCTGATATAATTTTCTTCTT
7292	db mining	Hs.146170	NM_022842	12383093	hypothetical protein FLJ22969 (FLJ22969), mRNA c/ds=(274,2223)	1	AAGCCAGAGCTTTGGGATACAAAGTCT TCTCTTCTATTTAGTACGCGTGCA
7293	db mining	Hs.146550	Z82215	3135984	DNA sequence from clone RP1-6802 on chromosome 22 Contains the 5' end of the APOL2 gene for apolipoprotein L 2, the APOL gene for apolipoprotein L, the MYH9 gene for nonmuscle type myosin heavy chain 9, ESTs, STGs and GSSs c/ds=(0,5882)	1	AGCTGACACCACTACAGTAAGTCGGT TTACAGATGTTTTCACCTGAGCAT
7294	db mining	Hs.149846	NM_002213	4504772	Integrin, beta 5 (ITGB5), mRNA c/ds=(29,2419)	1	TGAAGGTACATCGTTGTGCAATGTGA GTTTCTCTCTCTGTCGCTGTTTGT
7295	db mining	Hs.151738	NM_004994	4828835	matrix metalloproteinase 9 (gelatinase B, 92kD gelatinase, 92kD type IV collagenase) (MMP9), mRNA c/ds=(19,2142)	1	GGATACAAAGTATTCTGCTTCTCGG AGGAAAGGGAGGAGTGGAGGTGGG
7296	db mining	Hs.139451	NM_024519	13375657	Nucleoside diphosphate kinase type 6 (inhibitor of p53-induced apoptosis- alpha)	1	CTGCGCGTGCCGACCCATCCCTT GGTTTGTATTTTATTTACAGAGTT
7297	db mining	Hs.154276	NM_001186	4502352	BTB and CNC homology 1, basic leucine zipper transcription factor 1 (BACH1), mRNA c/ds=(118,2328)	1	TGCAGTAGCAGTACAGAGTTGCATGT GGACACTCAGTCACATTACGAACCT
7298	db mining	Hs.155975	NM_005608	5032004	protein tyrosine phosphatase, receptor type, C-associated protein (PTPRCAP), mRNA c/ds=(63,683)	1	CCCCAACCCAGGCTCAGGCAACCC ATTGAAATAAACCTTCATCGCCT
7299	db mining	Hs.159410	NM_014484	7657338	molybdenum synthase sulfurylase (MOCO3), mRNA c/ds=(2,1364)	1	GTACTGAGGTGACTGGTATAGTCTGA TGAGAAAGATGTGGATGGCACTAA
7300	db mining	Hs.160999	AV648418	9869432	AV648418 cDNA, 3' end c/ds=GLC8JC04 c/ds_end=3'	1	CACCTGTTCACTATGGAACCTTCTA GAACGCTGCCACTTCTAAAGGCT
7301	db mining	Hs.164036	NM_002076	4504060	glucosamine (N-acetyl)-6-sulfatase (Sanfilippo disease IIID) (GNS), mRNA c/ds=(87,1745)	1	TCATCACAGTGTGGTAGGTTGCCAA TTCAAAACATGTACCCCAAGCTCT
7302	db mining	Hs.164478	NM_022461	11968002	hypothetical protein FLJ21939 similar to 5-azacytidine induced gene 2 (FLJ21939), mRNA c/ds=(379,1557)	1	ACAACTGATCATTAAGGACCAACTTT GTCCAGAGCATCTCCTTAAGCTCT
7303	db mining	Hs.169615	NM_023080	12751496	hypothetical protein FLJ20989 (FLJ20989), mRNA c/ds=(52,741)	1	ACTTGATTAAGCTCCGTTTCTCTCTT GGCTCTGCTTCTTCACTAGTAAGCC
7304	db mining	Hs.171811	AK023758	10435787	cDNA FLJ13696 fls, clone PLACE2000140 c/ds=UNKNOWN	1	GTGACGACAAATCTCTAGCTAGCTAG CTAGGAGTCTTATGCTCTCTCTGT
7305	db mining	Hs.171992	NM_002843	4506314	protein tyrosine phosphatase, receptor type, J (PTPRJ), mRNA c/ds=(349,4362)	1	ACAGTAGCTTACATCAGAGGTTTGG TCTCTAGTACACTTCTGTTCTCT
7306	db mining	Hs.173373	AB023148	4589505	mRNA for KIAA0931 protein, partial c/ds=(0,2204)	1	ATGTGAGCCAGAGCATGTTGCAGCAA ATCTATTCTTTGTAAATAAACAAC
7307	db mining	Hs.173638	NM_030756	13540470	transcription factor 7-like 2 (T-cell specific, IRAG-box) (TCF7L2), mRNA c/ds=(307,2087)	1	TTTGTGCAATGTGGCTACATATGTTG ATGTTTATGAGTATTCATTGGTCAA
7308	db mining	Hs.177534	NM_007207	13518225	dual specificity phosphatase 10 (DUSP10), mRNA c/ds=(142,1590)	1	AGCCCAACCAATTAATAATACAA CTTGTTTCTTCCCTCTTTTCTCT
7309	db mining	Hs.177592	NM_001003	4506668	602781378F1 cDNA, 5' end c/ds=IMAGE:4896906 c/ds_end=5'	1	GCAAGAAAGAGATCCAGGAGT CTGATGATGACATGGGCTTTGTGCT
7310	db mining	Hs.179661	BC008791	14250651	Homo sapiens, tubulin, beta 5, clone MGC:4029 IMAGE:3617988, mRNA, complete cds c/ds=(1705,3039)	1	TTGAAAGATGACATGCCCCAAGAG CCAAAATAATGGGAATGAAAA
7311	db mining	Hs.179986	NM_005803	6552331	filifilin 1 (FLOT1), mRNA c/ds=(164,1447)	1	TTTTCTTGACCAAGCATGAGGAGTG GCTGAGAGTTTCAACTTGTCTAC
7312	db mining	Hs.180859	NM_016139	7705850	16.7kD protein (LOC51142), mRNA c/ds=(81,538)	1	CTCTGAGCTGGGCAATGTTTGSTGT GCCTCTCTTAACTAGCTGTATGT
7313	db mining	Hs.181301	AK024855	10437263	cDNA: FLJ21202 fls, clone COL00263 c/ds=UNKNOWN	1	AACCTAACAGTATTTCACTAACTCTG GCTCTCTTCCCAATAAAGCACTTT
7314	db mining	Hs.181311	NM_004539	7262387	asparaginyl-tRNA synthetase (NARS), mRNA c/ds=(73,1719)	1	CCACCAATAGCATGTCATGTATCTCT AATAGAGTGATTCGCCAGCATCA
7315	db mining	Hs.181391	AL390158	9368848	mRNA; cDNA DKFZp781G2113 (from clone DKFZp781G2113) c/ds=(0,564)	1	TGTACAGTAGTCACTTTGTAAAG CTGTGATTCCTTGTGCCCAATG
7316	db mining	Hs.182291	NM_016407	7705482	hypothetical protein (HSPC164), mRNA c/ds=(70,990)	1	TCTCATCATTTCCAGATAGCAGAGT CATAGTTGGGACCCAGTGAATTG

Table 8

7317	db mining	Hs.183180	NM_016476	13324711	anaphase promoting complex subunit 11 (yeast APC11 homolog) (ANAPC11), mRNA /cds=(0,398)	1	CAACAAGGTGGAAACAAGGCGTGGAGCTGGCTGTGTTGTTTGGCCATCACTAT
7318	db mining	Hs.183593	NM_006965	5902161	zinc finger protein 24 (K0X 17) (ZNF24), mRNA /cds=(164,1270)	1	GAGCATCTTCAGGGAGAGGAGTCACCTGTGAGGTTCGCCAGCACTGTGATTTT
7319	db mining	Hs.184029	AL137509	6808164	Homo sapiens, clone MGC-2764 IMAGE:2958229, mRNA, complete cds /cds=(70,1785)	1	TGCAGGTGTTTGACAAAGATCGCGGCATCTGTAATGTCCTTGGCACAATAAA
7320	db mining	Hs.187652	A/833892	2907491	od64g04.s1 cDNA /clone=IMAGE:1372758	1	AAGAGTCTGACTTCTCACTAGGAGCA TGTCTGTTGTACTTCTTCAAAACA
7321	db mining	Hs.188751	BG111636	12605142	60228262F1 cDNA, 5' end /clone=IMAGE:4369892 /clone_end=5'	1	CAAAACCAACCAAGATAACACCGG AACGATTAACGAGCAACAGAGA
7322	db mining	Hs.193392	U46120	1184779	expressed unknown mRNA /cds=UNKNOWN	1	TGGGTTTGTCCAGTTCAAGCTAGATG TGCATCATGGCAGAAAGAAGAG
7323	db mining	Hs.195453	NM_001030	4505710	ribosomal protein S27 (metalloproteinase 1) (RPS27), mRNA /cds=(35,289)	1	AAGGATGTTCCTTCAGGAGAAGCA GCACATAAGCACTTGTAGTCAAGA
7324	db mining	Hs.196914	D86976	1504025	mRNA for KIAA0223 gene, partial cds /cds=(0,3498)	1	CGGAAGCCACCGTGTGGTTCTTTTCAAGGCCAGCTTTATTTTGGTGAATA
7325	db mining	Hs.198281	NM_002654	4505838	pyruvate kinase, muscle (PKM2), mRNA /cds=(109,1704)	1	CCTCCACTGAGCTGCTCGCAGACAA CACTCCAGCCGCTCACTTCCATTT
7326	db mining	Hs.200317	AB037825	7243188	mRNA for KIAA1404 protein, partial cds /cds=(64,5841)	1	TCCCTGCTTCCAGTGTTCCTTCAAC AGACATTGAGTATCTCTGACGCTT
7327	db mining	Hs.202613	BG284262	13035032	602407238F1 cDNA, 5' end /clone=IMAGE:4519449 /clone_end=5'	1	CAGCCGAGCATTAAACGAACACCA GAGGAGACGACGAGGACAGACT
7328	db mining	Hs.210778	AL136679	12052881	mRNA; cDNA DKFpZp584C1278 (from clone DKFpZp584C1278); complete cds /cds=(104,1690)	1	TCACCTGGATTCTGTGTTCTCACTAG AACACCTATGTGATCTCATATTGA
7329	db mining	Hs.211594	NM_005503	5729990	proteasome (prosome, macropain) 26S subunit, ATPase, 4 (PSMC4), mRNA /cds=(12,1288)	1	GCTTCTTCGCGACCCGACCACTCTGTCCAAAAGCTTATTCCTTTTT
7330	db mining	Hs.226307	NM_004900	4758159	phorbol (similar to apolipoprotein B mRNA editing protein) (DJ742C19.2), mRNA /cds=(79,851)	1	AGCTGCTCCAGCAGACCCAGCAAGC AATGTGCTCTCATGACAGTAGATT
7331	db mining	Hs.326048	NM_006319	5453905	cDNA FLJ14186 fis, clone NT2RP2005726 /cds=UNKNOWN	1	ATGCTCATGTGTGTGCTCCCAACGCC CACTTGTGTGATGTCACTGACTGTG
7332	db mining	Hs.227835	NM_014972	14149656	KIAA1049 protein (KIAA1049), mRNA /cds=(96,2128)	1	GCTGAGTGTGCTGCTCCTGCGCTCA CTGTTTCTGCTATAAATGTAAATGG
7333	db mining	Hs.231987	NM_014423	7658878	ALL1 fused gene from Sq31 (AF5Q31), mRNA /cds=(337,3828)	1	TGCACACATGATGATGATGGTTCTTC GTGAGCTATGATGATGATGATTT
7334	db mining	Hs.232400	NM_031243	14043071	heterogeneous nuclear ribonucleoprotein A2/B1 (HNRPA2B1), transcript variant B1, mRNA /cds=(169,1230)	1	ATAAATATGCACTGATATGCGCAAG ACACAGAGCAGATGACAGAGGCC
7335	db mining	Hs.236131	NM_022740	13430859	homeodomain-interacting protein kinase 2 (HlPK2), mRNA /cds=(108,3704)	1	TTGAACCGGGAAGTGGGAGGACGTA GAGCAGAGAGAGAAACATTTTAA
7336	db mining	Hs.343556	AF080896	8890188	clone HQ131 PRO0131 mRNA, partial cds /cds=(0,233)	1	TTTGCTCATCTTAACTCAAGCTTTTAA GCTCAGAGATTACAGGGGT
7337	db mining	Hs.238936	BG538032	13530284	802563534F1 cDNA, 5' end /clone=IMAGE:4688193 /clone_end=5'	1	GCCATAGGCTTGGCGGCGCACTACT GTTACACAGTCAGATGTTTGA
7338	db mining	Hs.241412	NM_030882	13562089	apolipoprotein L 2 (APOL2), mRNA /cds=(477,1490)	1	GGTCTCTGCTGTGCTTCCAGCAT CCACTCTCCCTGTCTCTTGGGG
7339	db mining	Hs.241471	AL133642	8599293	mRNA; cDNA DKFpZp586G1721 (from clone DKFpZp586G1721); partial cds /cds=(0,869)	1	TCAGACCAAGACTCTGTTTAAAGAC CAGAGAGACAGCATTTTGGCAAG
7340	db mining	Hs.245188	NM_000362	9257248	issue inhibitor of metalloproteinase 3 (Sorsby fundus dystrophy, pseudoinflammatory) (TIMP3), mRNA /cds=(1183,1818)	1	CGAACCTCTCTGAAGAAATGTATT TGTGTCTAAATTCGTAGCACTGT
7341	db mining	Hs.249170	NM_012476	7110734	ventral anterior homeobox 2 (VAX2), mRNA /cds=(32,904)	1	CAAAATGGCTTGGTCCCGCAGCTGT GTGCGTGTAGTGACATGTGAGTGTG
7342	db mining	Hs.258551	NM_012100	6912247	asparyl aminopeptidase (DNPEP), mRNA /cds=(151,1578)	1	CTCTTGGAAAGACTTCTGACGATCC CTTTGACCTGTAGAGGGAAGTTCT
7343	db mining	Hs.259412	BG772376	14083029	802722490F1 cDNA, 5' end /clone=IMAGE:4839143 /clone_end=5'	1	GGCGCGCTGACCACTTATTTGGGACT TGGCGCTTTCTGTGTTGTTTAA
7344	db mining	Hs.259577	AW965292	7457838	hJ02c11.x1 cDNA, 3' end /clone=IMAGE:2980628 /clone_end=3'	1	ACCAGTCTGATCACTTCACTCTT AACACTCAATCCCTCAATTAACCC
7345	db mining	Hs.259679	AW956608	8146291	EST368678 cDNA	1	TTTGATTAACAGCGTTGACTTGGCTG TACCACCTTAAGAGTTGTGAGTGTG
7346	db mining	Hs.265827	NM_022873	13259549	interferon, alpha-inducible protein (clone IFI-6) (G1P3), transcript variant 3, mRNA /cds=(107,523)	1	TCCAGAACCTGTCTGATCACTCTCCC CAACAACCTAGATGTGAACACGA
7347	db mining	Hs.265891	AK001503	7022798	cDNA FLJ10641 fis, clone NT2RP2005748 /cds=UNKNOWN	1	GGGATCTTCAAATGATATGTGAGTT GCCTTTTCTTATAGGTGACAATCA

Table 8

7348	db mining	Hs.266456	AW768993	7700715	hk5se11.x1 cDNA, 3' end /clone=IMAGE:3001580 /clone_end=3'	1	AGAGCAAGCATTACAGAAATAGGTC TGGAAAGCAGGAAAGGACAAAGA
7349	db mining	Hs.267368	NM_017842	8923451	hypothetical protein FLJ20489 (FLJ20489), mRNA /clds=(482,1201)	1	ATGTCGTCTGCCCTCAGCTCTTTGC CTTATCTGTCTCAGTGTCACTTTA
7350	db mining	Hs.267812	NM_003794	4507144	sorting nexin 4 (SNX4), mRNA /clds=(6,1352)	1	TCCCTGTGAATTGAATTTCTGCAATC AAAGTGGCCCAACAGAGAGACA
7351	db mining	Hs.272027	NM_012177	8912365	F-box only protein 5 (FBXO5), mRNA /clds=(61,1404)	1	AGGTCCTCCCTGGTGGTCAAAAGAAA GCAGAAAGAAATTTACGAAGATTGT
7352	db mining	Hs.272534	AL080068	5262475	mRNA; cDNA DKFZp564J062 (from clone DKFZp564J062) /clds=UNKNOWN	1	GCCAGAAGCATAATTTACCAGAGACG AGAACAGGGTGTGGGAGAGAGGAA
7353	db mining	Hs.273415	NM_000034	4557304	aldolase A, fructose-bisphosphate (ALDOA), mRNA /clds=(167,1281)	1	TCCTTTCTCCCTGTGACAGTGGTGT GTGGTGTTCCTGTGTAATGCTTAAG
7354	db mining	Hs.273830	AK022804	10434416	cDNA FLJ17242 f1s, clone NT2RP200644 /clds=UNKNOWN	1	CAGTCAACATCTTTACCTGTGCCTCT GGCTCACTGTGTGGCTTTGTGCTA
7355	db mining	Hs.274287	AK001508	7022805	cDNA FLJ10646 f1s, clone NT2RP2005773, highly similar to pyruvate 5-carboxylate reductase isoform mRNA /clds=UNKNOWN	1	ACAGGAACCGGCTCTTCTCGAATTG GTAAATGGGAAAGAGTGAGCAAC
7356	db mining	Hs.275163	NM_002512	4505408	non-metastatic cells 2, protein (NME2B) expressed in (NME2), nuclear gene encoding mitochondrial protein, mRNA /clds=(72,530)	1	GTCCCTGGACACAGCTCTTCAATCCCA TTGACTTAGAGGACACAGGATTGA
7357	db mining	Hs.276818	AW35118	4300940	th9se08.x1 cDNA, 3' end /clone=IMAGE:218440 /clone_end=3'	1	ACCCCTGCCACAAAGATTCTGCAATGT CCTAAAGTACAGATGAGAAGGAA
7358	db mining	Hs.278582	AF135794	4574743	AKT3 protein kinase mRNA, complete clds /clds=(0,1439)	1	TGCCAAGGGCTTAATGAACAAAGATG CTGTGTGACGTGTGCTATTAAGA
7359	db mining	Hs.279635	AK027035	10440049	cDNA: FLJ23382 f1s, clone HEP18349 /clds=UNKNOWN	1	CAGTGGCAGACCTTAACCACTCACTA ATTTTCACTGTTGTGAAGATGATT
7360	db mining	Hs.283007	NM_006227	5453913	phospholipid transfer protein (PLTP), mRNA /clds=(87,1588)	1	CCGATGCCACAGAGAGACGGGAT TTGAAGCTGTACCCCAATTTATTCCT
7361	db mining	Hs.283565	NM_005438	4885242	FOS-like antigen-1 (FOSL1), mRNA /clds=(34,849)	1	TGAGCCCTACCTCCCTGGAGTGGCAC CTTACCGAATGCTCTTCCCTCTT
7362	db mining	Hs.284296	AK026846	10439543	cDNA: FLJ22993 f1s, clone KAT11914 /clds=UNKNOWN	1	GCAGGAGAGGGAGGATTAAGTGGAT CTACCAATTTGCTTGGCAACAA
7363	db mining	Hs.284892	AF246229	10419514	AF246229 cDNA /clone=RB82	1	GGCCACTACCTTTTGTGGAACAAAG CATAAGGGAGTGAAAGTGTCTAA
7364	db mining	Hs.284893	AF246230	10419515	AF246230 cDNA /clone=RB16	1	GCTGGCCGATCTCTCCCCACAGTT GCAAGAGGATTTTCAAGAAATAGT
7365	db mining	Hs.285280	AK024885	10437298	cDNA: FLJ12132 f1s, clone COL00752 /clds=UNKNOWN	1	ATTGAGATGAACTACTTTAGCAAGAT TTCGACAGATCAACGAGACGAT
7366	db mining	Hs.288038	NM_006625	12056474	TLS-associated serine-arginine protein 1 (TASR1), mRNA /clds=(72,623)	1	AGGACAGCTGGCTGCTTAATAGATT ATTTTGGGACAGACAGAGAGCTGT
7367	db mining	Hs.288283	AK026008	10438707	cDNA: FLJ22355 f1s, clone HRC06344 /clds=UNKNOWN	1	AGCCTGCAAGGTTAGGACTTTGAAAG GGGAAGGATTTAATAACTGGGCGA
7368	db mining	Hs.289043	AL136719	12052956	mRNA; cDNA DKFZp566G0346 (from clone DKFZp566G0346); complete clds /clds=(278,790)	1	TTAGTCGAGTTGGAATGATGTGTAT AGGTCAAGAGTCTGGTGTTCCTCA
7369	db mining	Hs.289087	AK024468	10440448	mRNA for FLJ00061 protein, partial clds /clds=(6,522)	1	TCACCTCTGATGAAAGATTTCTTCT TTGAAAGTCTAGACGCGTAACT
7370	db mining	Hs.290494	BF475245	11544422	EST 005 cDNA, 5' end /clone_end=5'	1	AGTCTGGATGTAAGGCGCTGCCCTAAA GAGACACTAATGGGAGGCAACAA
7371	db mining	Hs.290874	BE730505	10144599	601562627F1 cDNA, 5' end /clone=IMAGE:3832302 /clone_end=5'	1	AAAGGAAGAGACACAGATGCAACAG AAACAGACGAGACAGAGTGAGCGA
7372	db mining	Hs.332403	NM_024113	13129129	hypothetical protein MGC4707 (MGC4707), mRNA /clds=(72,1067)	1	ACTGCTTCAAGTTTGTACCCCTTTTGT GCTTAATGCTTAAACAAACATGTG
7373	db mining	Hs.292898	AW872292	8162138	EST384381 cDNA	1	AAAGATAGAGTCTTACTTGTAGC CTTAAGGGCTTATCATCTACTGCTG
7374	db mining	Hs.293984	NM_032323	14150097	hypothetical protein MGC13102 (MGC13102), mRNA /clds=(161,1345)	1	GAGGAGGAATTTGCTGTACCAAGAG GGGTGTGTGTGCTTGTGTGCCACCA
7375	db mining	Hs.295362	AK027365	14041493	cDNA FLJ14459 f1s, clone HEMBB1002409 /clds=UNKNOWN	1	AGGATGTGCTGATCTCCAGAGGTTT AAGGACCAATGGTTCAGTGAAGACA
7376	db mining	Hs.297964	BF836049	12187621	RC1-HT0975-161100-011-g07 cDNA	1	ACACTCATCATATGATGTAGCTGCTC AGTGGAACGAGCTGCACTGCTGCT
7377	db mining	Hs.299329	AK000770	7021066	cDNA FLJ20763 f1s, clone COL09911 /clds=UNKNOWN	1	TACTGCTATTGGAATGAGACACCACT TCTCTGTTGTGCTTCCAGCTCT
7378	db mining	Hs.300631	AK022958	10434651	cDNA FLJ12898 f1s, clone NT2RP2004194, weakly similar to Rattus norvegicus Golgi SNARE GS15 mRNA /clds=UNKNOWN	1	TGGCAAGTGGAGACACTGCTAGG CTGTATCCCATTAATTCAGGATGAG
7379	db mining	Hs.301417	M80899	176282	novel protein AHNK mRNA, partial sequence /clds=(0,3835)	1	AAACGACGCGCTGTAGGCTCCTGG AACTATACAGATAGGTAAGAGTTC
7380	db mining	Hs.301612	NM_005263	4885244	FOS-like antigen 2 (FOSL2), mRNA /clds=(3,983)	1	GACCAATCATCAGACTCTGTGAAGTC CCCCAGCTTCTGCTGCTGTAAACC
7381	db mining	Hs.301636	NM_000287	4505728	peroxisomal biogenesis factor 6 (PEX6), mRNA /clds=(70,3012)	1	AGAGATCCAGTGTGCAAGTGAGATGA GACAGCAGCAACAGCTGAAGATA

Table 8

7382	db mining	Hs.337774	NM_004723	4758671	rho/rac guanine nucleotide exchange factor (GEF) 2 (ARHGEF2), mRNA /clds=(112,2988)	1	ATGTCCCTTTCTCCTCTCCCCTCTTC CTCTTACTGCTGTTCTCCTCTTCT
7383	db mining	Hs.318568	BF475243	11544420	EST 001 cDNA, 5' end /clone_end=5'	1	ACATCCATAGAACAATACATCAAAGT TGTTGAAGTTTTCACGGGAAGGG
7384	db mining	Hs.318569	BF475244	11544421	EST 002 cDNA, 5' end /clone_end=5'	1	AGCACTTACTGTGAGCAATTCAGAA GTGAGCAATGACAAATTAATTTAC
7385	db mining	Hs.321709	NM_002560	4505548	purinergic receptor P2X, ligand-gated ion channel, 4 (P2RX4), mRNA /clds=(27,1193)	1	AATCTGATTGAGTCTCACTCCACAA GCACTCAGGGTTCGCCAGCAGCTC
7386	db mining	Hs.322478	D38491	559327	mRNA for KIAA0117 gene, partial cds /clds=(0,683)	1	AACCCAGAAAAGAGTTGCTCTTACT ATCTACTGCTGACTCTTGAAGTTT
7387	db mining	Hs.323114	AK023846	10435906	cDNA FLJ13784 fls, clone PLAC4000593 /clds=UNKNOWN	1	TTCTGATGTGGGCTTTTCTGATTCAGA GCTTGGCTCATAAACCAATAAGT
7388	db mining	Hs.323949	NM_002231	13259537	Kaniga (suppression of tumorigenicity 5, protease; CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal and antibody I44)) (KAI1), mRNA /clds=(181,964)	1	AGGTGGGCTGCACCTTACCTGCCGC TCAAGGTGTGTATATTGTATAGGC
7389	db mining	Hs.324507	NM_024524	13375667	hypothetical protein FLJ20986 (FLJ20986), mRNA /clds=(182,2056)	1	TGTTGTCAGAAATGGCAGTACTGTCAGTT TATGTCCCTTCTGATATATAGTAGT
7390	db mining	Hs.326447	BC004857	13436058	Homo sapiens, clone IMAGE:3690478, mRNA, partial cds /clds=(0,71)	1	CTATGACGCCCAAGGGAGCAGAAC AGAGGGATTGGGAGGAATGTGCTC
7391	db mining	Hs.333558	BG577468	13592532	gu.seq cDNA	1	TGCTAAGGACGGGGCCATGAGAG TTTTGTGAGAACATCGTGTCTGAG
7392	db mining	Hs.334033	BG642392	13777102	gu.seq395250 cDNA	1	AGTCGAGAACTTCAAGTCCCATTA GGGGCTGGAAATACAAAGTACAGT
7393	db mining	Hs.334804	NM_000558	6715603	hemoglobin, alpha 1 (HBA1), mRNA /clds=(37,465)	1	CTCCCTCTCTCGACACCCCTGCCCC GTGGTCTTGAATAAAGTGTGAGTG
7394	db mining	Hs.334853	NM_032241	14149953	hypothetical protein FLJ23544 (FLJ23544), mRNA /clds=(125,517)	1	CAGATGGTGTGGGCTCAAGTACATC CCCATGTGTGGCTCTTGAGCAAG
7395	db mining	Hs.250655	NM_032695	14249283	Prothymosin, alpha (gene sequence 28)	1	TTTTGGCTCTGCTGCTGTGTGTA AACAATGTGTGTCACCAATAAACA
7396	db mining	Hs.336689	AA493477	2223318	ESTs	1	AGCCTAGTGTCGACAGCAAGACTCC ATTTCAAAAAACAAACAAAAACAAA
7397	db mining	Hs.180450	BF791433	12096487	ribosomal protein S24 (RPS24), transcript variant 1, mRNA /clds=(37,429)	1	ACACCTGAGAATACACGACATACAGC ACGCACAACAGCAACACAGACAGC
7398	Table 3A	NA	AA077131	1835605	7B08E10 Chromosome 7 Fetal Brain cDNA Library cDNA clone 7B08E10, mRNA sequence	1	CAGCCACCTCCTCAGTGCAGACAAG CCGACGACCCCAATACCACTATCTG
7399	Table 3A	NA	AA501725	2326692	ng18e12.s1 NCL_CGAP_Lip2 cDNA clone IMAGE:52806 similar to contains Alu repetitive element, mRNA	1	GGCTTCCTATTACTCCGACGAA TTGTAGTCTTTCTCTATGAGTT
7400	Table 3A	NA	AA501934	2236901	nh56a10.s1 NCL_CGAP_Pr8 cDNA clone IMAGE:956346, mRNA sequence	1	TGCTGATGTGTTAGTAGTTGTGGCA CACTCACCTGTCTTCTCAATATGC
7401	Table 3A	NA	AA579400	2357584	nf33d05.s1 NCL_CGAP_Pr1 cDNA clone IMAGE:91551 similar to contains Alu repetitive element; contains	1	TTCACTGCTCAGCAAAACAGCTTTTA GGATGTGAGAGAAGCAAAAGTA
7402	Table 3A	NA	AF249845	8099620	isolate Siddi 10 hypervariable region I, mitochondrial sequence	1	TATTAACCACTCAGCGAGCTCTCCA TGCAATTTGGTATTTTGTCTGGGG
7403	db mining	Hs.277051	A1630242	4681572	ad07c09.y1 cDNA /clone=ad07c09-(random)	1	TTACCTGTTTGTGATGCTCTCATCG TCAAGATCTTCTGGAACCTTAGGC
7404	db mining	Hs.277052	A1630342	4681672	ad08g11.y1 cDNA /clone=ad08g11-(random)	1	CCCCACCCCAACATCAACAAAGCTTT CCCAACCAATCCTTGAAGTGCACAA
7405	db mining	NA	A1732228	5053341	nf19e05.s5 NCL_CGAP_Pr1 cDNA clone IMAGE:914240 similar to contains Alu repetitive element, mRNA s	1	TTCAAGTCTCCCAATACCACTAACT CGAGGAAGAAATGGAATCTATT
7406	Table 3A	Hs.197803	AW379049	6683708	mRNA for KIAA0160 gene, partial cds /clds=(0,2413)	1	TGCACGAACCTTACTTACATGTCT CATCGAAATCCGAGAACACCGTCT
7407	Table 3A	Hs.232000	AW380881	6685540	UI-H-B10p-abh-h-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:2712035 /clone_end=3'	1	TGCATATGCTCCGGTAATTCAAATCC AATTTCACAGCCACTGCTGAATAT
7408	Table 3A	Hs.325568	AW384988	6689647	602380081F1 cDNA, 5' end /clone=IMAGE:451497.2 /clone_end=5'	1	TACAGGAAATGAAGTACGAGCGGTG GGGGACACTAGAAATGAAACGAGT
7409	Table 3A	NA	AW836389	7930363	PMO-LT0030-101299-001-408 LT0030 cDNA, mRNA sequence	1	AGTTTCTGCTTTAGTGAAGTGAAGCT TTGCTTTAACTGGTGAAGTCCCA
7410	Table 3A	NA	AW837717	7931691	CM2-LT0042-281299-062-e11 LT0042 cDNA, mRNA sequence	1	TCCCACTCAAGTTTAAAGCACAAGAG AATCACTAATCTTGAGGACACAGGA
7411	Table 3A	NA	AW837808	7931782	CM1-LT0042-100300-140-105 LT0042 cDNA, mRNA sequence	1	CATGGATGGGGGAGCTGGTGTCTTCT AGTGTGTGAGGAGGACGAGCAGAGT
7412	Table 3A	NA	AW842489	7936472	PMH-CH0032-050200-002-c11 CM0032 cDNA, mRNA sequence	1	TCCACCATGATGATGATGATGATTC TGAAACAGCTTATTAATACAGA
7413	Table 3A	NA	AW846856	7942373	QV3-CT0195-011099-001-c09 CT0195 cDNA, mRNA sequence	1	CAGACGCTCAGTCTGCTCCGAGGTT AGTGTGTTATTAGACCTGAAATGA

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7414	Table 3A	NA	AW856490	7952183	PM4-CT0290-271099-001-c04 CT0290 cDNA, mRNA sequence	1	CCCTTTTAGGCGCTCTTGCCGCAACAGT GAACCACTAATAGATATCCCTAAGCT
7415	Table 3A	NA	AW891344	8055549	PM2-NT0079-030500-01-a04 NT0079 cDNA, mRNA sequence	1	ATGGGGATCATGTTTATTTTCTTCTA TATAATGGGCCAGTGTGTTCCCA
7416	Table 3A	NA	BE061115	8405785	QV2-ET0041-011199-039-109 ET0041 cDNA, mRNA sequence	1	AGCTGATGACCACTGACCACTTCAG GTAGTGGTTTGGGAATACGAAGA
7417	Table 3A	NA	BE086076	8476469	PM2-BT0672-130400-006-H09 BT0672 cDNA, mRNA sequence	1	TGTACTTATGCTGTCTCTCTACCTGG CCCCAGCTCTTGAAGTGTGGAA
7418	Table 3A	NA	BE091932	8482384	IL2-BT0733-130400-068-C11 BT0733 cDNA, mRNA sequence	1	GGAGGGTGTGGGAAGCAAGAGAAGA ACATTCTGTTAGGGGACAGAAGAA
7419	Table 3A	HS.173334	BE160822	8623543	ELL-RELATED RNA POLYMERASE II, ELONGATION FACTOR (ELL2), mRNA, Acds=(0,1922)	1	GCATCTCCAGCTTTCATAGTTACCCCA ACTTGTAACCCAGAAGATGTGCTG
7420	Table 3A	NA	BE163106	8625827	QV3-HT0457-060400-148-H10 HT0457 cDNA, mRNA sequence	1	GGCCAGTCCGACACGGTAGCTAGTT GGATGCTAAGGTAGTAATTAGATA
7421	Table 3A	HS.301497	BE186334	8631159	arginine-tRNA-protein transferase 1-1p (ATE1) mRNA, alternatively spliced product, partial cds Acds=(0,1544)	1	GCATCTGTAGGTTGACACCAAGAAAG ACCTCAGAGTGAAGTGTGAGCATTTGA
7422	Table 3A	HS.172780	BE176373	8639102	602343016F1 cDNA, 5' end /clone=IMAGE:4453486 /clone_end=5'	1	AGGCCATTTCGATATGGCCCATCTTT ACCTAATGGCTACTATGTGTAGGT
7423	Table 3A	NA	BE177861	8656813	RC1-HT0599-020300-011-H02 HT0599 cDNA, mRNA sequence	1	AATCACACAGTAACCTCCAGTAGGA AGAATTCTCAAGAGAGATAGTCTT
7424	Table 3A	NA	BE178880	8658032	PM1-HT0609-060300-001-g03 HT0609 cDNA, mRNA sequence	1	AATGGTCAGGCAGAGTAAGTACAAA GTCTGTATGTATGTTTCCACACAGA
7425	Table 3A	NA	BE247056	9098807	TCBPAP1D6404 Pediatric pre-B cell acute lymphoblastic leukemia Baylor-HGSC project-TCBA cDNA clone T	1	TACCTGAGGTGTAGAGAGTGGCCCG CATCCAGCAAGGCCAACAGCTCCAC
7426	Table 3A	HS.110501	BE763412	10193336	mRNA; cDNA DKFZ434C0118 (from clone DKFZ434C0118); partial cds Acds=(0,1644)	1	CTGTGGTTTTCCTCAAGCAACAACTTTT AACAAAGTGTGAGGCGCACTGACA
7427	Table 3A	NA	BF330908	11301656	RC3-BT0333-310800-115-F11 BT0333 cDNA, mRNA sequence	1	GACTCCGAGCTCAAGTCAGTCTGTAC CCCCACCCCTAGCCCACTGCATC
7428	Table 3A	NA	BF357523	11316597	CM2-HT0945-150900-379-g06 HT0945 cDNA, mRNA sequence	1	TGTAACTGACCTTATGTATCACTCAAG TCTTGCCCTTACTGAGTGCTGCTGA
7429	Table 3A	NA	BF364413	11325438	RC6-NN1068-070600-011-B01 NN1068 cDNA, mRNA sequence	1	TCTCTCTAACCAAACTGTAATCTTCA GGACCAAGCAAACTCAGCCCAAG
7430	Table 3A	NA	BF373638	11335663	MR0-FT0176-040900-202-g06 FT0176 cDNA, mRNA sequence	1	AACCTCTGGTTAAATGGGTAAATAGA GGATTGGAAACACTTGTGTCTGT
7431	Table 3A	NA	BF740663	12067339	QV1-HB0031-071200-562-H04 HB0031 cDNA, mRNA sequence	1	AGAGCAAGCTCTGTGAAGTACTATCT GTTATCTGACAGATGATCTGATG
7432	Table 3A	NA	BF749089	12075765	MR2-BN0386-051000-014-b04 BN0386 cDNA, mRNA sequence	1	GGACTAATCTCCACTCTCTGCTACG TTCCAGCTGTCTTCAATCACACCT
7433	Table 3A	NA	BF756480	12106380	MR4-CT0539-141100-003-d05 CT0539 cDNA, mRNA sequence	1	AGTCTTCACCACGATAGGTATACAC ACAACCAAGCTGTGTTTACCTCCTG
7434	Table 3A	NA	BF773126	12121026	CM3-IT0048-151200-568-f08 IT0048 cDNA, mRNA sequence	1	TTAGCTGTGATACCTTTCAGAGTTTA CTGGGAGCCGGTAAAGATAGTCAAC
7435	Table 3A	NA	BF773393	12121293	CM2-IT0039-191200-638-h02 IT0039 cDNA, mRNA sequence	1	AGCGTGTAGTCTTCTCAATGCTGGTGA TTTCTGTGTGAGACATCTTCAAGC
7436	Table 3A	NA	BF805164	12134153	QV1-CIO173-061100-456-f03 CIO173 cDNA, mRNA sequence	1	ACAAAGTGTGGAATTCATGTTTGT ATTAGCTGCAGCCATGTTCTGCTTCT AGA
7437	Table 3A	NA	BF818594	12156027	MR3-CIO184-201200-009-a04 CIO184 cDNA, mRNA sequence	1	TGTAATTGATTTCCGATATAAACGGTCT ATTACTGGACCATATGGACGACCC
7438	Table 3A	NA	BF827734	12171909	RC6-HN0025-041200-022-F08 HN0025 cDNA, mRNA sequence	1	GTGATCCACTTGGAGCTGCTACTGTGT CCGATTGAGTCCCTATAGTACTCTA
7439	Table 3A	NA	BF845167	12201450	RC5-HT1035-271200-012-F08 HT1035 cDNA, mRNA sequence	1	TGCCATTGAATCTCTATTAATTTCTCAG AAAGATCAAGAGAGCTGCTGGTGT
7440	Table 3A	NA	BF869167	12259297	IL5-ET0119-181000-181-b11 ET0119 cDNA, mRNA sequence	1	CCCCCTGTCGACCTGCTGCTGTTGG CCGTAGTCACTTCTCTCTTTTGG
7441	Table 3A	NA	BF875575	12265705	QV3-ET0100-111100-391-c02 ET0100 cDNA, mRNA sequence	1	GCTAAACGAGAAAGACCTGAAGTAC AGTTCCCGCTCTTCAAAGAAGATGC
7442	Table 3A	NA	BF877979	12268109	MR0-ET0109-171100-001-b02 ET0109 cDNA, mRNA sequence	1	ATCCCTCTCCCTCGGAGTGGATAGA AGAGACTTTAAACCAATGAGCC
7443	Table 3A	NA	BF897042	12288501	IL2-MT0179-271100-254-C11 MT0179 cDNA, mRNA sequence	1	GTGAGTAAAGCTCTGCTGCGAAGAA ACACAGTGAAGGTTGCCACAGTCT
7444	Table 3A	NA	BF896285	12289744	QV1-MT0229-281100-908-e11 MT0229 cDNA, mRNA sequence	1	GTTCCTGAGCTAGTGTCTTCTGCTACC TGTGTAAGCTGTCTGACCCCTGC
7445	Table 3A	NA	BF899454	12290923	IL5-MT0211-011200-317-f03 MT0211 cDNA, mRNA sequence	1	AGAGTAATCCACATCCAGGACAGT CACAATGACCTACGCTTTAGTCT
7446	Table 3A	HS.324473	BF904425	12295884	40 kDa protein kinase related to rat ERK2 /cds=(134,1180)	1	GCAGGGCTACACCAAGTCTCATGATTA TTGTGCTGTAGGCTGCATCTTGG
7447	Table 3A	NA	BF906114	12297573	IL3-MT0267-281200-425-A05 MT0267 cDNA, mRNA sequence	1	TCTTCTTAAAGTCCCTCTCTCTCTT CTTTCTTCCAGACCTGGTTTAA
7448	Table 3A	HS.104679	BF926187	12323197	Human sapiens, clone MGC:18216 IMAGE:4156235, mRNA, complete cds /cds=(2205,2373)	1	TGCGCATTTTGGTAGTCCACAGTGC TGCTTCTCTAATTTACGAGGACCA
7449	Table 3A	HS.75703	BF926644	12325772	small inducible cytokine A4 (homologous to mouse Mip-1b) (SCYA4), mRNA /cds=(108,368)	1	GTAGATCTTACAGACCAAGCCCTCTG CTGCTCCAGCCAGCTGTGGTGTG

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7450	Table 3A	NA	BG006820	12450386	RC4-GN0227-271100-011-d03 GN0227 cDNA, mRNA sequence	1	TTTCCGTTTTCGCTGACTTCTCACTCA CTGTCTGTCTCTCAATTTCTCCA
7451	Table 3A	NA	F11941	706260	HSC3F051 normalized infant brain cDNA cDNA clone c-33f05, mRNA sequence	1	TGGTAAGTTTCTGGAGTGTGGAGAC AGGGGAATAATCTCAACAGTAGGT
7452	Table 3A	NA	U46388	1236904	HSU46388 Human pancreatic cancer cell line Patu 8988T cDNA clone xs425, mRNA sequence	1	CCATGTGGTGCTGTGACTTGTCTTTG GGCCTTAATCTAGTATCATTTGG
7453	Table 3A	NA	U75805	1938265	HSU75805 Human cDNA clone f46, mRNA sequence	1	TCAGTGGGTGTTGTGTGTCCTAATG TGAGACTAGTTGTGTGCTCTGGGA GGCTGGACAGCAATGATTCAAATCT CAATACTACATGCCAATCTGTGG
7454	Table 3A	NA	W27656	1307658	36R10 Human retina cDNA randomly primed sublibrary cDNA, mRNA sequence	1	CAATACTACATGCCAATCTGTGG
7455	literature	NA	X17403	59591	Human cytomegalovirus strain AD169 complete genome	1	AATAATAGATTACAGAGAAGATAAT CCCTCGACCGACTGCTGTGCTTCT TTTTGCGAACTTTTGAAGAACAGCAA GTCAAACAAAGACTCAACAAAGAA GAGATCGACATCGTATCGACGCGAC CTCCGACAGAACCCCTACCCATCC ACATTCAAAAGTTTGAAGCGTCTTCAT GTACGCCCGTTTTCCGCCCTCACGAG CCACAGACACATCCACAAAATCCCCC CATCGACTCTGACAGTTCGATCAT CTTTGACGAGGTTCTCAAGGCTGTAA CTAACGTCGCTGTCCGCCCTCTTTC GATGTCGCTGTACGCCGATCATCGCC ATCATCGGCTATCTGCTCTACCC TCTTCTGGGACGCCAACGACATCTAC CGCATCTTGCCGGAATGGAAAGGC ACGAAACAGAAATCTCAAAAGACGCTG ACCCGATAAGTACC GTACGCGGAGA AGAGAACCAACAAACACGACGACGA TGAACCAACGCTCTCAACCAACA
7456	literature	NA	X17404	59591	Human cytomegalovirus strain AD169 complete genome	1	TCGACATCGCTGTCTGCTCTCTCTCT CGGAGATCGCGACGAGAAACAC CTGACCTCGCGCATCGAGCAGCCA TCCAGGACCTGAGGAAACAGTCTCA CCTCTGGAGGCAAGACCCACCCC TATGTTGACTACGAAGAGCGCTGAC TTGCTGGGCAAGAGTTTTCGCAAGAA CTACACTGTCTGCTGGCGAGTTT CTGTGATGTATGACGAGGACTGCTT ACAGAGTCTGGGCAACCTTGGAC GCTGGCCTGCACCCCGCTGAGTTT GGCTCTAGCGATGAAGATACAGATT GGGCGGCTTAGGCTGTCTCTCTCTCT CGACTGACTCCATGATCTTTTCTGT TGTTTGCTTATTATTATGTGGCTTAT TTGTTGCCTAAAGCGACGACGCG ACGGTGATGAATATAGCTATGTGGT GTGGGCGCTACTACTGATGAAGAA
7457	literature	NA	X17405	59591	Human cytomegalovirus strain AD169 complete genome	1	TTTTGCGCTGAGGCTTCTCTCCCTCT CCCAATGCGGTTTAAACATAAAT GGCTTATGCCCATGTATCTGAACATC CAGAGTCACCTTTTACCAAGCTCTG CTACTGCGCTACAGCAAGGCGGCC CCAAACCGGAAACGAGGAGATG CAGATGTGGTATTGGGTGCTGGG CTGTGCTGACGTGAGGAGTGCGGCT
7458	literature	NA	X17406	59591	mRNA for cartilage specific proteoglycan	1	TCGACATCGCTGTCTGCTCTCTCTCT
7459	literature	NA	X17407	59591	Human cytomegalovirus strain AD169 complete genome	1	TTTTGCGCTGAGGCTTCTCTCCCTCT
7460	literature	NA	X17408	59591	Human cytomegalovirus strain AD169 complete genome	1	TTTTGCGCTGAGGCTTCTCTCCCTCT
7461	literature	NA	X17409	59591	Human cytomegalovirus strain AD169 complete genome	1	TTTTGCGCTGAGGCTTCTCTCCCTCT
7462	literature	NA	X17410	59591	Human cytomegalovirus strain AD169 complete genome	1	TTTTGCGCTGAGGCTTCTCTCCCTCT
7463	literature	NA	X17411	59591	Human cytomegalovirus strain AD169 complete genome	1	TTTTGCGCTGAGGCTTCTCTCCCTCT
7464	literature	NA	X17412	59591	Human cytomegalovirus strain AD169 complete genome	1	TTTTGCGCTGAGGCTTCTCTCCCTCT
7465	literature	NA	X17413	59591	Human cytomegalovirus strain AD169 complete genome	1	TTTTGCGCTGAGGCTTCTCTCCCTCT
7466	literature	NA	X17414	59591	Human cytomegalovirus strain AD169 complete genome	1	TTTTGCGCTGAGGCTTCTCTCCCTCT
7467	literature	NA	X17415	59591	Human cytomegalovirus strain AD169 complete genome	1	TTTTGCGCTGAGGCTTCTCTCCCTCT
7468	literature	NA	X17416	59591	Human cytomegalovirus strain AD169 complete genome	1	TTTTGCGCTGAGGCTTCTCTCCCTCT
7469	literature	NA	J01917	209811	Adenovirus type 2, complete genome	1	TTTCTGCCCTGAGGCTTCTCTCCCTCT
7470	literature	NA	J01918	209811	Adenovirus type 2, complete genome	1	TTTCTGCCCTGAGGCTTCTCTCCCTCT
7471	literature	NA	J01919	209811	Adenovirus type 2, complete genome	1	TTTCTGCCCTGAGGCTTCTCTCCCTCT
7472	literature	NA	J01920	209811	Adenovirus type 2, complete genome	1	TTTCTGCCCTGAGGCTTCTCTCCCTCT
7473	literature	NA	HS.250596	J01921	209811	1	TTTCTGCCCTGAGGCTTCTCTCCCTCT
7474	literature	NA	J01922	209811	Adenovirus type 2, complete genome	1	TTTCTGCCCTGAGGCTTCTCTCCCTCT
7475	literature	NA	J01923	209811	Adenovirus type 2, complete genome	1	TTTCTGCCCTGAGGCTTCTCTCCCTCT
7476	literature	NA	J01924	209811	Adenovirus type 2, complete genome	1	TTTCTGCCCTGAGGCTTCTCTCCCTCT
7477	Table 3A	NA	AA077131	1836905	7B08E10 Chromosome 7 Fetal Brain cDNA Library cDNA clone 7B08E10, mRNA sequence	-1	CCAGTCTGAGTATTTGGGTGCTGGG CTGTGCTGACGTGAGGAGTGCGGCT
7478	Table 3A	NA	AA501725	2236692	ng18e12.s1 NCL_CGAP_Lip2 cDNA clone IMAGE:929806 similar to contains Alu repetitive element; mRNA	-1	AACCTCATAGAGAAAGCTACGAATT TCGCTGGGAGTAAATAGGGAAGCC
7479	Table 3A	NA	AA501934	2236901	nh56a10.s1 NCL_CGAP_P8 cDNA clone IMAGE:958346, mRNA sequence	-1	GCATTTAGGAAGACAGGTGAGTGTG CCACAACACTCAACACATCAGCA
7480	Table 3A	NA	AA579400	2357584	nf33d05.s1 NCL_CGAP_P1 cDNA clone IMAGE:915561 similar to contains Alu repetitive element; contains	-1	TTACTTTGTCTTCTCTCACCATCTCAA AACGTTGTTTGTCTGAGCATGAA
7481	Table 3A	NA	AF249845	8099620	isolate Siddi 10 hypervariable region I, mitochondrial sequence	-1	CCCCAGACGAAATACCAATGCGATG GAGAGCTCCGCGTGAAGTGGTTAATA GCCTAAGTTTCCAGAAAGCTTTGACG ATGAGAGAGATGCAAAAGCAGGTAAT TTTTCAGATTCAAGGATTTGGTGGGAA ACGTTTGATGTGTTGGGGGGGGGG
7482	db mining	NA	HS.277051	A/630242	ad07c09.y1 cDNA (clone=ad07c09- (random)	-1	CCCCAGACGAAATACCAATGCGATG
7483	db mining	NA	HS.277052	A/630342	ad08g11.y1 cDNA (clone=ad08g11- (random)	-1	CCCCAGACGAAATACCAATGCGATG

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7484	db mining	NA	A1732228	5053341	nr19e05.x5 NCI_CGAP_Pr1 cDNA clone IMAGE:914240 similar to contains Alu repetitive element, mRNA s	-1	AATAGATTCCATTCTTCCTTCGAGT TAGTTGGGTATTGGGACCTTGAA
7485	Table 3A	Hs.197803	AW379049	6883708	mRNA for KIAA0160 gene, partial cds (cds=0,2413)	-1	CGACGGTGTTCTGGAGATTTCGATGAG ACATGTAAGTAAGATTCTGTGTGCA
7486	Table 3A	Hs.232000	AW380881	6885540	UH-H10p-abh-h-06-Uls.1 cDNA, 3' end /clone=IMAGE:2712035 /clone_end=3'	-1	ATATTCCAGCATGGTGCTGTAATTTGG ATTGTAATTACGGGATACATGAA
7487	Table 3A	Hs.325568	AW364988	6889647	602386081F1 cDNA, 5' end /clone=IMAGE:4514972 /clone_end=5'	-1	ACTGTTTTCATTCTAGTGTCCCCCA CCGGCTGATTTTCATTTCCTGTA
7488	Table 3A	NA	AW836389	7930363	PM0-LT0030-101299-001-F08 LT0030 cDNA, mRNA sequence	-1	TTGGGAGTCACCGAGTTAAAGCAAG CCGAGTCACTTAAGTAAAGTAAAGT
7489	Table 3A	NA	AW837717	7931691	CM2-LT0042-281209-082-e11 LT0042 cDNA, mRNA sequence	-1	TCTGTGCTCCGAGTAATTGATTCGCT TTGGTGCTTCAACTTGAAGTGGGA
7490	Table 3A	NA	AW837808	7931782	CM1-LT0042-100300-140-F05 LT0042 cDNA, mRNA sequence	-1	CACTGCTGCTGCTTCCTCAAGCACTA GAACACCACTGCCCCCATCGATG
7491	Table 3A	NA	AW842489	7936472	PM4-CN0032-050200-002-c11 CN0032 cDNA, mRNA sequence	-1	TCGTGATTATAGACTGTTTTCAGGA AACGATCTTCCCATCTTGTGTGA
7492	Table 3A	NA	AW846856	7942373	QV3-CT0195-011099-001-c09 CT0195 cDNA, mRNA sequence	-1	TCATTTTCAGGTCTAATAAACACACTAA CCTGGGAGCAGTGGAGGCGTCTG
7493	Table 3A	NA	AW856490	7952183	PM4-CT0290-271099-001-c04 CT0290 cDNA, mRNA sequence	-1	AGCTTAGGATCTATTGATTTGTCACCT GTTCGGCAGAGGCTTGAAGG
7494	Table 3A	NA	AW891344	8055549	PM2-NT0079-030500-001-a04 NT0079 cDNA, mRNA sequence	-1	TGGGAACACACTGCGCCATTATATAG AGAAAAATAAACACTGATCCCAT
7495	Table 3A	NA	BE061115	8405765	QV0-BT0041-011199-039-F09 BT0041 cDNA, mRNA sequence	-1	TTGCTTGATTCCCAACCACTACCT GAAGGTGGCTTATGGTCTACAGCT
7496	Table 3A	NA	BE060676	8476469	PM2-BT0672-130400-006-h09 BT0672 cDNA, mRNA sequence	-1	TTCCACCACTTCAAGACTGGGGGCA GGTAGAGAAGACAGCATAGTACA
7497	Table 3A	NA	BE091932	8482384	IL2-BT0735-130400-068-C11 BT0733 cDNA, mRNA sequence	-1	TTCTCTCTGCCCCCTAACAGAAATGTT CTCTGCTTGTTTCCGACACCTCC
7498	Table 3A	Hs.173334	BE160822	8629543	ELL-RELATED RNA POLYMERASE II, ELONGATION FACTOR (ELL2), mRNA (cds=0,1922)	-1	CAAGTCTGCTTCTGGTTCAGAGTTG GGTAACTATGAAGCTGGAGATGC
7499	Table 3A	NA	BE163106	8625827	QV3-HT0457-060400-146-h10 HT0457 cDNA, mRNA sequence	-1	TATCTAAATTCATCCTTTAGCATCCAA CTAGCTACCGCTCGGCACCTGGCC
7500	Table 3A	Hs.301497	BE168334	8631159	arginine-IRNA-protein transferase 1-1p (ATE1) mRNA, alternatively spliced product, partial cds (cds=0,1544)	-1	TCCAAATGCTCAAGTCACTCTTGAGTCT TTGTGGTGTCAACCTACAAATGCC
7501	Table 3A	Hs.172780	BE176373	8639102	602343016F1 cDNA, 5' end /clone=IMAGE:4453466 /clone_end=5'	-1	ACCTCACTATAGTAGCATTATG6TAA AGATGGGCCATATCCAAATGGCT
7502	Table 3A	NA	BE177861	8656813	RC1-HT0598-020300-011-h02 HT0598 cDNA, mRNA sequence	-1	AAGAACATTCCCTTGAGAATGTTTCC TACTGGGAGTTACTGCTGTGATT
7503	Table 3A	NA	BE178880	8658032	PM1-HT0609-060300-001-g03 HT0609 cDNA, mRNA sequence	-1	TCTGTGTGAACATACATACAGGACTT TGATTCTACCTGTGCCTGACCACT
7504	Table 3A	Hs.88543	BE247058	9098807	602495247F1 cDNA, 5' end /clone=IMAGE:4609330 /clone_end=5'	-1	GTGGAGCCTGTGGCCCTGTGCGATG CGGGCACTCTCTACACCTCAGTGA
7505	Table 3A	Hs.11050	BE763412	10193338	mRNA: cDNA DKFZp434C0118 (from clone DKFZp434C0118); partial cds (cds=0,1644)	-1	TGTCACTGGCTCTCACTTGTGTTTGA ATTGTGCTTTGGGAAAAACAG
7506	Table 3A	NA	BF330908	11301856	RC3-BT0333-110800-115-F11 BT0333 cDNA, mRNA sequence	-1	GATGCAGTGGGTTGAGGGTTGGGGG TACAGACTGACTTGAGCTCGGAGCT
7507	Table 3A	NA	BF357523	11316597	CM2-HT0845-150900-379-g06 HT0845 cDNA, mRNA sequence	-1	TCAGGCACCTAGTAAGGCAAGCACTT GAGTGATACATAAAGTCAGTATCA
7508	Table 3A	NA	BF364413	11326438	RC6-NN1068-070600-011-B01 NN1068 cDNA, mRNA sequence	-1	CCITGGGCTGAGTATTGTCTGGTCTGTA AGATTACAGTATGAGTGA
7509	Table 3A	NA	BF373638	11335663	MR0-FD1716-040900-292-g09 FT0176 cDNA, mRNA sequence	-1	ACAGACCAACAGATGTTCCATCTCTC TATTAAACCCATTAAACAGAGT
7510	Table 3A	NA	BF470663	12067339	QV1-HB0031-071200-562-h04 HB0031 cDNA, mRNA sequence	-1	AGTGCACTTCACTGATGATTAACAGCA TAGTAGCTTACAGAGTTGTCTTCT
7511	Table 3A	NA	BF479089	12075765	MR2-BN0386-051000-014-b04 BN0386 cDNA, mRNA sequence	-1	AAGTGTGATTAGGAAGCAGCTGGGAAGT AGCAGAGGAGGTGGAGATTAGTCC
7512	Table 3A	NA	BF58480	12106380	MR4-CT0539-141100-003-d05 CT0539 cDNA, mRNA sequence	-1	CAGGAGTAACCAAGCAGCTGTTGTGT GATACCTATGCTGGGTGGAGAACT
7513	Table 3A	NA	BF773126	12121026	CM5-IT0048-151200-568-h08 IT0048 cDNA, mRNA sequence	-1	GGTGCACTATCTTACCGGCTCCGAGTA AACCTTGACATGATCCAGTAA
7514	Table 3A	NA	BF773393	12121293	CM2-IT0039-191200-638-h02 IT0039 cDNA, mRNA sequence	-1	GCTTGAAGATGCTCCTAACAGAGAATC ACCGACATGAGGAGCACTACCGCT
7515	Table 3A	NA	BF805164	12314153	QV1-CI0173-061100-456-03 CI0173 cDNA, mRNA sequence	-1	TCTAGGCGAGGAACATGGCTGCAGC ATATAAAAGGAATTGAATCCATCACT
7516	Table 3A	NA	BF818594	12156027	MR3-CI0184-201200-009-a04 CI0184 cDNA, mRNA sequence	-1	GGTGCTGCCATAGTGCGCAGTAATG ACCGTTTATGGGAAATCAATTACA
7517	Table 3A	NA	BF827734	12171909	RC6-HN0025-041200-022-F08 HN0025 cDNA, mRNA sequence	-1	TGAAGTACTATAGGACTCAATGGGAC CAGTAGGACCTCAAGTGAAGT
7518	Table 3A	NA	BF845167	12201450	RC5-HT1035-271200-012-F08 HT1035 cDNA, mRNA sequence	-1	ACAGCGAGCTCTGCTTGATCTTCTG AGAATTAATAGAGATTTCATGGCA

Table 8

7519	Table 3A	NA	BF869167	12259297	IL5-ET0119-181000-181-b11 ET0119 cDNA, mRNA sequence	-1	CCAAAGGAGAGAAAGTACTAGGGT CACACTGTAGGATTTGCCAGGTGGG	
7520	Table 3A	NA	BF875575	12265705	QV3-ET0100-111100-391-c02 ET0100 cDNA, mRNA sequence	-1	GCATCTCTTTGAAGACGGGAACTGT ACTTCAGGTTCTTTTCTGTTIAGC	
7521	Table 3A	NA	BF877979	12268109	MR0-ET0109-171100-001-b02 ET0109 cDNA, mRNA sequence	-1	GGCTCATTTGGTTTAAAGTCTCTTCT ATGCCATCCGAGGGGAGAGAGAT	
7522	Table 3A	NA	BF897042	12288501	IL2-MT0179-271100-254-C11 MT0179 cDNA, mRNA sequence	-1	GACTGTGGACACTCTCTCACTGTGTCT TCTTGGCAGGACAGAGCTTACTGAC	
7523	Table 3A	NA	BF898285	12289744	QV1-MT0229-281100-508-e11 MT0229 cDNA, mRNA sequence	-1	GCAGGGTGCAGAGCTTCCAGCAGAGG TAGGAAGAAGTAACTAGTGGAAAC	
7524	Table 3A	NA	BF899464	12290923	IL5-MT0211-011200-317-f03 MT0211 cDNA, mRNA sequence	-1	CAGCTAAAGCCGTAGTCTATTGTGAC TGTCCCTGGGATGTGGATTACTCT	
7525	Table 3A	NA	Hs.324473	BF904425	40 kDa protein kinase related to rat ERK2 <i>l</i> cds=(134,1180)	-1	CCAGAAATGACGCTTACAGACCAATA TCAATGGACTGTGGTGTAGCCCTGC	
7526	Table 3A	NA	BF908114	12297573	IL3-MT0267-281200-425-A05 MT0267 cDNA, mRNA sequence	-1	TTTAAATGCTTGTGTGAAAGAGAGAG GAGAGGAGGGCATTTTAGAGAAGA	
7527	Table 3A	NA	Hs.104679	BF926187	12323197	Homo sapiens, clone MGC:18216 IMAGE:4156235, mRNA, complete cds <i>l</i> cds=(2206,2373)	-1	GTGGCTCTGTAATAAGAGAGACGAGT CACTGTGGAACCTACCAAAATGGCA
7528	Table 3A	NA	Hs.75703	BF928644	12326772	small inducible cytokine A4 (homologous to mouse Mip-1b) (SCYA4), mRNA <i>l</i> cds=(108,386)	-1	CACACCACAGCTGGCTGGGAGCAGA GGCTGCTGGTCTCATAGTAATCTAC
7529	Table 3A	NA	BG006820	12450386	RC4-GN0227-271100-011-d03 GN0227 cDNA, mRNA sequence	-1	TGGAGAAAATGAGAGACAGACAGTG AGTGAGAAAAGTACGCGAAAGGAAA	
7530	Table 3A	NA	F11941	706280	HSC3F051 normalized infant brain cDNA cDNA clone c-33f05, mRNA sequence	-1	ACCTACTCTTGAGATATTCCCGCTGT CTCCACAGCTGCCAGAAATATCCA	
7531	Table 3A	NA	U46388	1236904	HSU46388 Human pancreatic cancer cell line Patu 8988t cDNA clone xs425, mRNA sequence	-1	CCAAATGATAGTATGAGTAAAGCCCCA AAGCAAGTCAAGCACCACCATGG	
7532	Table 3A	NA	U75805	1938265	HSU75805 Human cDNA clone f46, mRNA sequence	-1	TCCCAGAGCAACAACTAAGTCTCAAC TAATGGACACCAACAGCCACTGGA	
7533	Table 3A	NA	W27656	1307658	36f10 Human retina cDNA randomly primed sublibrary cDNA, mRNA sequence	-1	CCACAGATGGCGCTAGTATTGAG ATTTGAATCATCTGCTGTCCAGCC	
7534	literature	Hs.99982	BC005929	13543541	proteoglycan 2, bone marrow (natural killer cell activator, eosinophil granule major basic protein) (PRG2), mRNA <i>l</i> cds=(857,1525)	1	TACTTGGCGTGGAGCCACTGCCTCA GAAGACTCTTCCTTCACTTGCTCTA	
7535	literature	Hs.48295	X14346	31182	eosinophil peroxidase (EPX), mRNA <i>l</i> cds=(6,2147)	1	GTTTCAAGGGACATCTTCAAGAGCCAA CATCTACCTCTGGGGGTTTGTGAA	
7536	literature	Hs.1258	J05225	179076	arylsulfatase B (ARSB), mRNA <i>l</i> cds=(559,2180)	1	CTACAGCTTGTACCATGAACACAGT CCCCGTGTACTTCCCTGCACAGGA	
7537	literature	Hs.728	M28129	556208	ribonuclease, RNase A family, 2 (liver, eosinophil-derived neurotoxin) (RNASE2), mRNA <i>l</i> cds=(71,556)	1	TAGTTGCATGTGACACAGAGATCAA CGACGAGACCCCTCACAGTATCCG	
7538	literature	Hs.889	NM_001828	6325464	Charot-Leyden crystal protein (CLC), mRNA <i>l</i> cds=(33,461)	1	TTGACCATAGATCAAGCCTGAGGCT GTGAAGATGGTGCAAGTGTGGA	
7539	literature	Hs.135628	M69138	180539	chymase 1, mast cell (CMA1), mRNA <i>l</i> cds=(0,743)	1	CTGCTGTGTTCCACCGGAATCTGCCAT CTACCGCGCTGTGATCAACCGATG	
7540	literature	Hs.334455	NM_003293	13699841	lysozyme, alpha (TPS1), mRNA <i>l</i> cds=(17,844)	1	GTGACTGGAGGACACCCCTGCTG TCCAAACACCACTCTGCTTCAACC	
7541	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	CATCGCATGTGATTTTCAACTGGGCT GTCTATTTTGTACACAGCTTAT	
7542	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	GAGAAAGCACTCAACCTGGAGACAAT TCTACTGTGTCAACAGCAGCAGCA	
7543	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	ACTTGTGCAGGCGATTTCTCTCCGG GCACCTGGGTCACTAGACTGT	
7544	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	GACAGCGTCTTAGAAACCTGGCGCA, CGATTGCTCCAGCGGATAGAGTG	
7545	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	CATCCTCTGGAGCCTGACCTGTGATC GTCCGATCATAGACCAGCAGTAGA	
7546	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	GCCTCCACACGACATCACACCATATA CCGCAAGGAATACAGGATGCTG	
7547	literature	Hs.279852	BC004555	13528716	G protein-coupled receptor (G2A), mRNA <i>l</i> cds=(900,2042)	1	ACAGGCATCTCCCTTGGAGATCAT CAGAAATACATAGAAAAATGT	
7548	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	ACCTTGTCTCTGAGTCTCATGGCT CAAGACCTAGTTTGTATAGACAGGA	
7549	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	AGATGCTTACCTCTGTATATATGATC CTCTGTGAGAAATGCTGCAATTT	
7550	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	ATGACATCGGCAGAGTCTTGAAATA GGATTGTGCAAAATGACAAAGAA	
7551	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	CGGGTGTGTTCAATACGACGCGTGA CAATCCTATCTCCATCTATAATCC	
7552	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	GAAAGGCGAAATGCAATCTCTGCTCT TCTCATGTAGAGACTTTACAGTCT	
7553	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	GCACATCATCGCCCAAGTGAAGTGC TGCAGAAATGCAATTTATGGTG	
7554	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	TCTCGTTTACTCTTTGCTGTGTGTG GTTCTTTGTTCTGCTGTGCTGCT	

Table 8

7555	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	TCTGAATCTACTCAAAACGCTCCTTGTCTGCTCTTAAACCATCTGTGT
7556	literature	NA	NC_001345	9625578	Human herpesvirus 6, complete genome	1	TGAAGCTGACACCTGTGAACATACTTAAACGCATGTTCTCTGACTCAG
7557	literature	NA	NC_001345	9625578	Human herpesvirus 6, complete genome	1	TTCTGTTTGGGCGAGGACCGTCTCTATAAATTTGTTTGTGACTCAG
7558	literature	NA	NC_001345	9625578	Human herpesvirus 6, complete genome	1	TAAACCCGTCGAAGAATTTGGCGTGTGTGCCCATCTCTCAGGCC
7559	literature	NA	NC_001345	9625578	Human herpesvirus 6, complete genome	1	AGAAGAAGGATCAGATGGAGAGTTGAAAACCTTTAGCTGGAAGTACATGA
7560	literature	NA	NC_001345	9625578	Human herpesvirus 6, complete genome	1	CCGATACCGGCAAGATCTGCTGCTGCGAAACCTGTTTCCACCTTATGG
7561	literature	NA	NC_001664	9628290	Human herpesvirus 6, complete genome	1	CTGTGGGTCCTCCGCCATCTGTTATTGCCCTCCGCTCGGACCGCT
7562	db mining	Hs.159568	A1382620	4195401	q204e10.x1 cDNA, 3' end /clone=IMAGE:2020554 /clone_end=3'	1	ACTCATCTTTAATAAGATTAATGGGCATATTAGAAGTTTCTCAAGTAGGGCT
7563	db mining	Hs.129055	NM_002540	4505490	Homo sapiens, Similar to outer dense fiber of sperm tails 2, clone MGC:9034 IMAGE:3874501, mRNA, complete cds /cds=(656,2947)	1	AAAAGGAGTGAGCTATCATCAGTGCTGTGAATAAAAAGTGTGGTGTCGA
7564	db mining	Hs.12329	AB014597	3327207	mRNA for KIA00697 protein, partial cds /cds=(0,2906)	1	AAAGCCACCACCTGTCCCACTCAGCA
7565	db mining	Hs.119177	NM_001659	4502202	ADP-ribosylation factor 3 (ARF3), mRNA /cds=(311,858)	1	AAATGTGGGATAAACGCGTACCTGTGACCTGGTTGGAAATCACT
7566	db mining	Hs.12379	BC003376	13097227	Homo sapiens, ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (Hu antigen R), clone MGC:5084 IMAGE:2901220, mRNA, complete cds /cds=(142,1122)	1	AAACAGAGAATTTGATGACATGTAT-TTCTGCGCATCCCTCTCTGTGAGCG
7567	db mining	Hs.119886	AL589290	13243062	DKFZp451F1715_r1 cDNA, 5' end /clone=DKFZp451F1715 /clone_end=5'	1	AACCTATCAAAGCGCTAGCCTAAGGGCTGCCATCTCTGTAAATTCGTAGT
7568	db mining	Hs.315597	NM_015960	7705727	cDNA FLJ10280 fis, clone HEMBB1001288, highly similar to CGI-32 protein mRNA /cds=UNKNOWN	1	AACTGCATGTGTATGAATCAGAGTGTGACTTAAGGGTCAATTCAAAGCAG
7569	db mining	Hs.110457	AF071594	3249714	MMSET type 1 (WHSC1) mRNA, complete cds /cds=(29,1972)	1	ACAGACTTTTGTAAATGATAGGAATCTCTCCAAGTGGAAACGTGCTAACT
7570	db mining	Hs.144904	NM_006311	5454137	nuclear receptor co-repressor 1 (NCOB1), mRNA /cds=(240,7562)	1	ACAGGCAATTCAGTGACTATAATAATAGTGGAGGGTGTGAGATGTAGAGT
7571	db mining	Hs.118064	NM_022731	12232386	similar to rat nuclear ubiquitously casein kinase 2 (NUCK2), mRNA /cds=(66,557)	1	ACAGGTCACAGTGGATCTTTTCAACACTGACAATGTGTTAGTTTAAAGC
7572	db mining	Hs.337616	NM_000753	4502924	phosphodiesterase 3B, cGMP-inhibited (PDE3B), mRNA /cds=(0,3338)	1	ACCTCAAGCAGATGAGATTCAGGTAATTGAAGGAGCAGTAAGAGGAAT
7573	db mining	Hs.152049	AW882287	8152099	EST374360 cDNA	1	ACCTTCTACACCACTGGAAAAATAACA
7574	db mining	Hs.115325	NM_003929	4506374	RAB7, member RAS oncogene family-like 1 (RAB7L1), mRNA /cds=(40,651)	1	TGGAGGTTTATAGAGCCGTGCAAAATACTAAACTCTTAGAGCCTGAATGTTCTGTAGATAGCTTAAATAAGTGCTCT
7575	db mining	Hs.119178	AK024466	10440445	mRNA for FLJ00059 protein, partial cds /cds=(2624,4057)	1	ACTGSGGSGGTGATGTTGCTTCTGTTTATTTTCTTAACCTGCTGTAC
7576	db mining	Hs.183698	NM_000269	4557796	ribosomal protein L29 (RPL29), mRNA /cds=(29,508)	1	ACCTTCATCATAAATCTGGAGGAAGCTCTTGGAGCTGTAGTTGTCCTCGT
7577	db mining	Hs.15767	AB023166	4589541	mRNA for KIA00949 protein, partial cds /cds=(0,2822)	1	AGAACGAGGAAGAGAACCAAGAAATGATTCAAGATCCACTTGAGAGGA
7578	db mining	Hs.108104	NM_003347	4507788	ubiquitin-conjugating enzyme E2L3 (UBE2L3), mRNA /cds=(15,479)	1	AGAGAATAGGCTTTAAGATGCTGCGATCCGTTCTGCTGCCGTAATA
7579	db mining	Hs.163593	NM_000980	11415025	ribosomal protein L18a (RPL18A), mRNA /cds=(19,549)	1	AGCACAAAGCAAGCTTGACCAACCAAGAGGCCCAACACCTCTCTAGGTG
7580	db mining	Hs.121044	L39061	632997	transcription factor 3L1 mRNA, partial cds /cds=(0,1670)	1	AGGCCAATCAAGCTGTAGCTAAGAAATTCATTATATGGCTTAGTACACAGA
7581	db mining	Hs.309348	NM_032472	14277125	lcn3c11.x1 cDNA, 3' end /clone=IMAGE:2073716 /clone_end=3'	1	AGGGAGGATTTCTGTATATGCTGTGAGAGGAGGAATGTGTATAGTTACT
7582	db mining	Hs.16493	AK027866	14042851	cDNA FLJ14960 fis, clone PLACE4000182, weakly similar to ZINC FINGER PROTEIN 142 /cds=(114,3659)	1	AGTTTAAATACCTTAAGCTTTTTCAGACCTTAACATGCAGCGCTTTGGGA
7583	db mining	Hs.1342	NM_001862	4502982	cytochrome c oxidase subunit Vb (COX5B), nuclear gene encoding mitochondrial protein, mRNA /cds=(21,410)	1	ATGTGCTGTAAAGTTTCTCTTCCAGTAAGACTAGCCATTGCATTGGC
7584	db mining	Hs.110076	NM_005918	5174540	malate dehydrogenase 2, NAD (mitochondrial) (MDH2), nuclear gene encoding mitochondrial protein, mRNA /cds=(86,1102)	1	ATTGTGGGTGGCTGCTGTGGGGCGCATCAATAAAGGCGCTTCTTGATTTAT
7585	db mining	Hs.107476	NM_008476	5453560	ATP synthase, H+ transporting, mitochondrial F1F0, subunit g (ATP5G), mRNA /cds=(73,384)	1	ATTGAGGTGTTGTGGACCATGTGTGATTCAGACTGCTATCGAATAAAT

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7586	db mining	Hs.146354	NM_005809	5902725	peroxiredoxin 2 (PRDX2), mRNA /cds=(89,685)	1	CAAGCCGACCCGACGCGCACACAGGC
7587	db mining	Hs.12124	NM_018127	11875212	elcA (E. coli) homolog 2 (ELAC2), mRNA /cds=(0,2480)	1	CTAGAGGTAACCAATAAGATTATGAC
7588	db mining	Hs.154023	AB011145	3043669	mRNA for KIAA0573 protein, partial cds /cds=(0,1366)	1	CAGGAGGTAGGATCTGGCTCGAGAG
7589	db mining	Hs.109051	NM_031296	13775197	SH3BGLR3-like protein (SH3BGLR3), mRNA /cds=(71,352)	1	CAGTCCCTCTCCAGGAGGACCCCTA
7590	db mining	Hs.125307	AA836204	2910523	od22g11.s1 cDNA /clone=IMAGE:1368740	1	GAGGCAATTAATGATGTCTGTTCT
7591	db mining	Hs.16803	NM_018032	8922296	LUC7 (S. cerevisiae)-like (LUC7L), mRNA /cds=(71,1048)	1	CATGCTTGATAGGAATAAATAATCT
7592	db mining	Hs.146580	NM_001975	5803010	enolase 2, (gamma, neuronal) (ENO2), mRNA /cds=(222,1526)	1	GACGACCTCTGCTGGCATTTGAATGA
7593	db mining	Hs.14169	AK027567	14042333	cDNA FLJ14681 fls, clone NT2RP2002710, weakly similar to SH3-BINDING PROTEIN SBP-1 /cds=(70,2481)	1	GCACCTGATAGGATCTGCTGTTCT
7594	db mining	Hs.118825	NM_000188	4504390	hexokinase 1 (HK1), nuclear gene encoding mitochondrial protein, mRNA /cds=(81,2834)	1	CCCACCGCTTTGTGAGCCGTGTCTGTA
7595	db mining	Hs.144505	NM_015663	13124762	DKFZP566F0546 protein (DKFZP566F0546), mRNA /cds=(377,1306)	1	CCACCGGGAGACATTTCACACAATT
7596	db mining	Hs.155751	NM_004889	4757811	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit f, isoform 2 (ATP5J2), mRNA /cds=(27,311)	1	CCCTCCGTGAGGAACAACATCTCAAT
7597	db mining	Hs.10267	NM_015367	7682505	MIL1 protein (MIL1), nuclear gene encoding mitochondrial protein, mRNA /cds=(71,1231)	1	CCGTGTCTTTCCAGCCCTAAAGGAAG
7598	db mining	Hs.14632	BC008013	14124973	Homo sapiens. Similar to CG12113 gene product, clone IMAGE:3532726, mRNA, partial cds /cds=(0,2372)	1	CGTGTGATCAAGGAGTATGTGAC
7599	db mining	Hs.125156	NM_001488	4503956	transcriptional adaptor 2 (ADA2, yeast, homolog-like (TADA2L), mRNA /cds=(0,1091)	1	CGCAGGGAACAGCCTCATCAAGATA
7600	db mining	Hs.159545	NM_013308	7019400	platelet activating receptor homolog (H963), mRNA /cds=(219,1178)	1	CGCTCAAGGCTCACTAGACATTTTGC
7601	db mining	Hs.152836	NM_004068	4757993	adaptor-related protein complex 2, mu 1 subunit (AP2M1), mRNA /cds=(135,1442)	1	CGGCCCTGAGTCCCTACTTGTCTTGG
7602	db mining	Hs.110857	NM_016310	7706498	polymerase (RNA) III (DNA directed) polypeptide K (12.3 kDa) (POLR3K), mRNA /cds=(39,365)	1	CTAGTGTGTGCTTGCTGTGCTCCCTG
7603	db mining	Hs.118966	NM_025207	13376805	hypothetical protein PP591 (PP591), mRNA /cds=(820,1704)	1	CTTTGAGATTCCTCTGCTGCTCCGTC
7604	db mining	Hs.16390	AK024453	10440419	mRNA for FLJ00045 protein, partial cds /cds=(108,824)	1	GAAATCTTCAATGATGTGGGCA
7605	db mining	Hs.109302	AA808018	2877424	nv6409.s1 cDNA, 3' end /clone=IMAGE:1234577 /clone_end=3'	1	GACTGCTCTCAACGCCCAAACTCTA
7606	db mining	Hs.111126	NM_004339	11038670	pituitary tumor-transforming 1 interacting protein (PTTG1P), mRNA /cds=(210,752)	1	GAGCAGGCCAACCACTGTAACTCAA
7607	db mining	Hs.127376	NM_021645	11063982	KIAA0266 gene product (KIAA0266), mRNA /cds=(733,3033)	1	GCAGCAACACAGGGGTGAGTACAG
7608	db mining	Hs.108196	NM_016095	7706386	HSPC037 protein (LOC51659), mRNA /cds=(78,636)	1	GATGTTCTTGACACACATTTGTAAT
7609	db mining	Hs.117487	AF040965	2792365	unknown protein IT12 mRNA, partial cds /cds=(0,2822)	1	GCTTAAGCTCTGATCCACATAAA
7610	db mining	Hs.107892	NM_018171	8922576	hypothetical protein FLJ10659 (FLJ10659), mRNA /cds=(38,1000)	1	ACGTTTGCCTTCTGTAGTAAT
7611	db mining	Hs.147585	NM_024785	13376147	hypothetical protein FLJ22746 (FLJ22746), mRNA /cds=(266,1072)	1	GCCCAAGCACTAGTAGAGTGCSCG
7612	db mining	Hs.153357	NM_001084	4505890	procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3 (PLOD3), mRNA /cds=(216,2432)	1	ATACAGGCTTAGTTTCGGTAGCTGT
7613	db mining	Hs.148495	NM_002810	5292180	prolactase (prosome, macropain) 26S subunit, non-ATPase, 4 (PSMD4), mRNA /cds=(62,1195)	1	GCGCAGATTTGACTCCGACATTTCT
7614	db mining	Hs.13144	NM_014182	7681819	HSPC160 protein (HSPC160), mRNA /cds=(53,514)	1	TTACAAAACCGACTCATTCATTTCA
7615	db mining	Hs.11189	NM_001949	12669913	E2F transcription factor 3 (E2F3) mRNA, complete cds /cds=(66,1463)	1	GGGACTGCTGATGTTGATCTGTA
7616	db mining	Hs.12284	BC001099	12804564	Homo sapiens, clone IMAGE:2989556, mRNA, partial cds /cds=(0,370)	1	GTGTGACACGGGCTGAGTGGTGGA

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7617	db mining	Hs.158380	AI381581	4194362	td05e04.x1 cDNA, 3' end /clone=IMAGE:2074782 /clone_end=3'	1	GTACCACCTTGATGATTTCAAGTCAATT TTGAACCCCTTTGGAAGAGGTTG
7618	db mining	Hs.1390	BC000258	12653014	Homo sapiens, proteasome (prosome, macropain) subunit, beta type, 2, clone MGC:1664 IMAGE:3352313, mRNA, complete cds /cds=(58,663)	1	GTGAACCCGCTCTGTCTGCTTAAATAA CAAAAATTAGCTGGGCGGTGGGCG
7619	db mining	Hs.115808	NM_002287	11231175	leukocyte-associated Ig-like receptor 1 (LAIR1), transcript variant a, mRNA /cds=(57,520)	1	GTTCTCTGGGTTGGCTTTACTCCAC GCATCAATAAATAATTTTGAAGCG
7620	db mining	Hs.119960	AL117477	5911950	mRNA; cDNA DKFZp727G051 (from clone DKFZp727G051); partial cds /cds=(0,1423)	1	TACTGCCAACTGACCTTATAACCCCTC TGACCTTCCTCAAAAAGATCATGTT
7621	db mining	Hs.154073	NM_005827	5032212	UDP-galactose transporter related (UGTREL1), mRNA /cds=(87,1055)	1	TCAAACAGTGCATCTCTTGGGAAVA TGACATTAATGAAGATATGGGACT
7622	db mining	Hs.11747	NM_017798	8923363	hypothetical protein FLJ20391 (FLJ20391), mRNA /cds=(9,602)	1	TCACTTCCTCGAAGTGTACTGCTGCT GAATGGAGCTCTGGACGACATTGG
7623	db mining	Hs.10881	AB011113	3043605	mRNA for KIAA0541 protein, partial cds /cds=(0,3484)	1	TCCAATTAATGACGATCTATGTGTGCT GAATGTTCTGCTGTGACATATGTGT
7624	db mining	Hs.153850	AK024476	10440465	mRNA for FLJ00069 protein, partial cds /cds=(2657,4396)	1	TCCCGCAGAGTGACGACAGCAGGAAG CTGGAGATGTCTTTTATAAGTACACA
7625	db mining	Hs.247870	AL035694	4678462	DNA sequence from clone 33L1 on chromosome 6q14.1-15. Contains the gene for novel T-box (Brachyury) family protein. Contains ESTs, STSs, GSSs and two putative CpG islands /cds=(0,1505)	1	TCTAGACCCTGAAGAGCTTAACCTCT GTCAATCATGTCAAGTATCTGCACAA
7626	db mining	Hs.324648	NM_003128	4507194	cDNA FLJ13700 fls, clone PLACE2000216, highly similar to SPECTRIN BETA CHAIN, BRAIN /cds=UNKNOWN	1	TCCTTCCGCCATCTCCTCTGTATAAACA CGAGGTGTCTGCCAGCACCAGAGAG
7627	db mining	Hs.118722	NM_004480	4758407	fucosyltransferase 8 (alpha (1,6) fucosyltransferase) (FUT8), mRNA /cds=(716,2443)	1	TGATATGTGTATCAGCCTTATGTGGA AGAACTGTGATAAAAAGAGAGCT
7628	db mining	NA	AL134726	6602913	DKFZp547A1290_r1 cDNA, 5' end /clone=DKFZp547A1290 /clone_end=5'	1	TGCAATATTTTCAAAGTCTGTGGTGG CAAAACCATAGTAGTGTGTGAA
7629	db mining	Hs.166887	NM_003915	4503012	copine I (CPNE1), mRNA /cds=(156,1769)	1	TGCTGCTCTTGATCCCACTTTTGCTC CTGACACCCCTGATTGAATAAAGA
7630	db mining	Hs.146324	AK023182	10434993	cDNA FLJ13120 fls, clone NT2P303662, highly similar to CGI- 145 protein mRNA /cds=(176,961)	1	TGGTTTGTCTGATGGATGTATCTTAAG AGCTGACAGCAGGGCTGGACACA
7631	db mining	Hs.12436	AK026309	10439130	cDNA: FLJ22656 fls, clone HSI07655 /cds=UNKNOWN	1	TGTTCTGAATGTGTGTAGACCCCTTCA TAGCTTTGTACAATGAACCTTGT
7632	db mining	Hs.15164	NM_006333	5453582	nuclear DNA-binding protein (C1D), mRNA /cds=(117,542)	1	TGTTGATGAGTAATTTTGGCATGAT GACTGTACTCTCAATAAAGCTGGA
7633	db mining	Hs.130743	AA642459	2567677	ns30d01.s1 cDNA, 3' end /clone=IMAGE:1185121 /clone_end=3'	1	TTCACTCTGTGAGTCTGGGGAGAG GGAGTAGATACAGACTGAGTGAGAG
7634	db mining	Hs.16492	NM_015497	13794284	DKFZP564G2022 protein (DKFZP564G2022), mRNA /cds=(42,1709)	1	TTCAATTTCTGGGAAGTCAAGGTTA CATCTTGCAGAGGTGTGTTTGAAGA
7635	db mining	Hs.122552	NM_016426	7705291	G-2 and S-phase expressed 1 (GTSE1), mRNA /cds=(70,2232)	1	TTCTAAGCCGGAACCAATCTTTTGCC TTGAAAGAACAGCCCTAAAGTGCT
7636	db mining	Hs.312510	AH174807	6361196	HA2528 cDNA	1	TTTGTGTTGTTTGTTCAGATAGGGTCT CCCTCTGTACACCAAGCTGCAAT
7637	db mining	Hs.108258	NM_012090	10048480	actin cross-linking factor (ACF7), transcript variant 1, mRNA /cds=(51,16343)	1	TTTTGTAATCAGGACACCCCTCAATTA GCAAGACTCAGGGGAGGGCTTT
7638	db mining	Hs.111092	NM_024724	13376033	hypothetical protein FLJ22332 (FLJ22332), mRNA /cds=(275,1255)	1	CGGTGTGGAAATGTGTCCTTTGAG TGCGCAAGATATGAAATATCTTCA
7639	db mining	Hs.114311	NM_003504	4502712	CDC45 (cell division cycle 45, S.cerevisiae, homolog)-like (CDC45L), mRNA /cds=(24,1724)	1	CTGAAGCTGAGGATCGAGGACGAAT TCTGTGACGACCATTTTCCCTCTCT
7640	db mining	Hs.11081	NM_025241	13376853	UBX domain-containing gene 1 (UBXD1), mRNA /cds=(96,1421)	1	GTTGGCCTCAGCCCTGTGGGTCTGT CTCATGCTCTCCCTGTCTCTCTCCC
7641	db mining	Hs.100217	NM_005892	5174400	formin-like (FMNL), mRNA /cds=(39,1430)	1	TAGCCATATGAGTCTGACGAGGAGGA CTGGCCTGTGACTTATAAAGTGCA
7642	db mining	Hs.12258	AL137728	6808258	mRNA; cDNA DKFZp434B0920 (from clone DKFZp434B0920) /cds=UNKNOWN	1	TGAGGGCTGTGCTGACCTTTGAGAG GATTTGAAATGCTCTATTTGTGA
7643	db mining	Hs.155462	NM_005915	7427518	minichromosome maintenance deficient (mis5, S. pombe) 6 (MCM6), mRNA /cds=(61,2526)	1	TGTGTAGGAAGAGGCCCATCTTTT AAGGTATGTGCTGTCTATTGAGC
7644	db mining	Hs.165998	NM_015640	7661825	PAI-1 mRNA-binding protein (PAI- RBP1), mRNA /cds=(85,1248)	1	TTTGTGTAGGACAGCTCGTGTCAAGT GAAGATGATGATGATGATGGTT
7645	db mining	Hs.164207	NM_024805	13376184	hypothetical protein FLJ21172 (FLJ21172), mRNA /cds=(136,1169)	1	TTTCTAGCTTTTCCGCTGATCTCAAA CAATTTGCTACACACTCTCT
7646	db mining	Hs.150275	D87682	1663699	mRNA for KIAA0241 gene, partial cds /cds=(0,1568)	1	ACTCTGGCAGATGTTTGTATCAGAAA GGTAGTCTCTTGTCTGTGATGT

Table 8

7647	db mining	Hs.11039	NM_024102	13129109	hypothetical protein MGC2722 (MGC2722), mRNA lcds=(69,1097)	1	CATCTTCTGCCCTGGTCCGCTTTCTC
7648	db mining	Hs.102708	NM_015396	7661561	DKFZP434A043 protein (DKFZP434A043), mRNA lcds=(697,1425)	1	CGCTCTAATACTGACCTTGTATTTCTC
7649	db mining	Hs.109646	NM_002493	4505364	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6 (17kd, B17) (NDUFB6), mRNA lcds=(68,454)	1	CTGGAGACTGGAGAAGTAATTCACAC
7650	db mining	Hs.142307	AL137273	6807710	mRNA; cDNA DKFZP434I0714 (from clone DKFZP434I0714) lcds=(0,412)	1	TGCACTGTTCGTTATTCATATCAGTG
7651	db mining	Hs.16297	NM_005694	5031844	COX17 (yeast) homolog, cytochrome c oxidase assembly protein (COX17), mRNA lcds=(86,277)	1	CGCTTTTACTGCGAAGATGTGTGT
7652	db mining	Hs.11184	NM_017811	8923387	hypothetical protein FLJ20419 (FLJ20419), mRNA lcds=(191,907)	1	TGTCTAAGCTGTGATGAATGTGCTC
7653	db mining	Hs.12013	NM_002940	4506558	ATP-binding cassette, sub-family E (OABP), member 1 (ABCE1), mRNA lcds=(117,1916)	1	AAATGATCCCTCTTATTACCCCTCCA
7654	db mining	Hs.155485	NM_005339	12545382	huntingtin interacting protein 2 (HIP2), mRNA lcds=(77,679)	1	AAGTTACCGAGCTTGATTAATTA
7655	db mining	Hs.154573	AW955094	8144777	EST367164 cDNA	1	ACACACTAATGTAAACATTTTATGAAG
7656	db mining	Hs.142157	AF080255	5733121	iodestar protein mRNA, complete cds lcds=(30,3516)	1	GTGGAAGTGGATTTATGCAAGCCA
7657	db mining	Hs.1191	AK025679	10438273	cDNA; FLJ22026 fls, clone HEP06537 lcds=UNKNOWN	1	TATGTGGATTCGCCGAGCTTCTCT
7658	db mining	Hs.13340	NM_003642	4504340	histone acetyltransferase 1 (HAT1), mRNA lcds=(36,1295)	1	ATTGTGCGAGCTTTTCACGCTCGG
7659	db mining	Hs.106110	NM_014034	7661591	DKFZP47E2110 protein (DKFZP47E2110), mRNA lcds=(192,806)	1	CAATACAGTACGCTCTCTGCA
7660	db mining	Hs.123296	AA833793	2906561	od51907.s1 cDNA lclone=IMAGE:1372476	1	AGCCCTATTGAGGATTCAGCATGA
7661	db mining	Hs.126565	AB020668	4240210	mRNA for KIAA0861 protein, partial cds lcds=(0,2948)	1	ACGACTTGTCTCAAGGATAAGATAT
7662	db mining	Hs.155174	AB007892	2887434	KIAA0432 mRNA, complete cds lcds=(0,2251)	1	ACTAGAGTCCAGTAATAGTATGGGA
7663	db mining	Hs.116445	AA648776	2575205	ns24d11.s1 cDNA, 3' end lclone=IMAGE:1164565 lclone_end=3'	1	GATATGTGGAGACATGATAGT
7664	db mining	Hs.124933	AA825303	2896605	oc7e04.s1 cDNA, 3' end lclone=IMAGE:1354762 lclone_end=3'	1	TTCCGTGTGAGATTCTCGCATTC
7665	db mining	Hs.131367	AW295641	6702277	UI-H-BW0-ai-p-12-U-01.s1 cDNA, 3' end lclone=IMAGE:2729975 lclone_end=3'	1	CTCAATTCAACAATATGCGCTTT
7666	db mining	Hs.1313203	AW293882	6700518	UI-H-BW0-ai-n-07-U-01.s1 cDNA, 3' end lclone=IMAGE:2729941 lclone_end=3'	1	TATACTTGTACCTCCAGCAAGTGT
7667	db mining	Hs.105488	AA521017	2261560	aa70f05.s1 cDNA, 3' end lclone=IMAGE:320305 lclone_end=3'	1	CCTCACTGTGTGTGAACCTGTT
7668	db mining	Hs.125802	AA806833	2876409	oc29b10.s1 cDNA, 3' end lclone=IMAGE:1351069 lclone_end=3'	1	TTTCCTGAATCACTTATGACAACCTAG
7669	db mining	Hs.1313274	AW296745	6702361	UI-H-BW0-ai-w-10-U-01.s1 cDNA, 3' end lclone=IMAGE:2730834 lclone_end=3'	1	TTTGGCGGGTAGAGTGGCGTT
7670	db mining	Hs.1320376	BF512113	11597325	UI-H-BW1-ami-h-04-U-01.s1 cDNA, 3' end lclone=IMAGE:3070302 lclone_end=3'	1	AAACTAGAATTCCGGTTTCCCAAGGT
7671	db mining	Hs.1315341	BE675056	10035597	7R01f10.x1 cDNA, 3' end lclone=IMAGE:3293419 lclone_end=3'	1	GGCTTATGACAACCAAGATCCTTT
7672	db mining	Hs.1320407	BF512394	11597660	UI-H-BW1-ami-f-01-U-01.s1 cDNA, 3' end lclone=IMAGE:3069456 lclone_end=3'	1	GCCATTCGCGCTTCTCTATTGAAAA
7673	db mining	Hs.1313347	AW297156	6703802	UI-H-BW0-aj-d-b-05-U-01.s1 cDNA, 3' end lclone=IMAGE:2731329 lclone_end=3'	1	AGCTATACCATATTCGCCCTGAGT
7674	db mining	Hs.123298	AA809468	2878874	ob85f10.s1 cDNA, 3' end lclone=IMAGE:1338138 lclone_end=3'	1	ATTGTTGAGAGACGGGTTTCAACCT
7675	db mining	Hs.1320416	BF512570	11597749	UI-H-BW1-ami-f-12-U-01.s1 cDNA, 3' end lclone=IMAGE:3069791 lclone_end=3'	1	AAATGCCGGGAAGGACAATT
7676	db mining	Hs.1309262	AA40532	4300887	CM4-NT0290-150101-684-e05 cDNA	1	AGATAGAGATCAATTTATTTAGCTTG
7677	db mining	Hs.1313338	AW297010	6703846	UI-H-BW0-aj-f-d-01-U-01.s1 cDNA, 3' end lclone=IMAGE:2731441 lclone_end=3'	1	GGACATGGCAGATCTCAGTGT

Table 8

7678	db mining	Hs.315325	BE646400	9870711	7e86c01.x1 cDNA, 3' end /clone=IMAGE:3292032 /clone_end=3'	1	CCCTCCCTATCTTTTATGGGTAATTT GATTATACACGGTGCTGTAATGT
7679	db mining	Hs.313172	AW293016	6699652	UI-H-BW0-ahf-f-04-0-ULs1 cDNA, 3' end /clone=IMAGE:2729239 /clone_end=3'	1	TATGTCTTCTTACCCCAAGCACCCCTA ATTATTAATAACAGACCTCCGAGGT
7680	db mining	Hs.313361	AW297413	6704049	UI-H-BW0-als-b-09-0-ULs1 cDNA, 3' end /clone=IMAGE:2730208 /clone_end=3'	1	AAACCTCTGACAGTTCATTACCAAC GCACCTATTCAGGATATTGGCAGGT
7681	db mining	Hs.313365	AW297482	6704118	UI-H-BW0-aja-a-05-0-ULs1 cDNA, 3' end /clone=IMAGE:2730920 /clone_end=3'	1	AGTGCCCATGCTGTTCAGATGCTCT TCTAGCTCTGGAGATACATCAGT
7682	db mining	Hs.313358	AW297377	6704013	UI-H-BW0-ahf-f-11-0-ULs1 cDNA, 3' end /clone=IMAGE:2730381 /clone_end=3'	1	TGAGCTTCTGCTAGTAATTCCTTCAG GGGATTTCCTCCATGGCCGAGGT
7683	db mining	Hs.320474	BF513180	11598359	UI-H-BW1-amf-d-06-0-ULs1 cDNA, 3' end /clone=IMAGE:3070115 /clone_end=3'	1	GAGGGTGCTCTGTAATGATTTCCGAA AAGTCTTCCTCAAAACCTCCGAAAT
7684	db mining	Hs.313382	AW297707	6704343	UI-H-BW0-ahf-f-10-0-ULs1 cDNA, 3' end /clone=IMAGE:2731915 /clone_end=3'	1	ACCAGTGTGATGAGTTTGACAGAGAG ACAAAGGAAAGGGTGGGAGAGAT
7685	db mining	Hs.125779	AA610631	2880442	oa7d08.s1 cDNA, 3' end /clone=IMAGE:1318193 /clone_end=3'	1	GCTGGTTGTTGCCCTTCAAGACAGCC AATCACTCAATTTCAACAGAAAT
7686	db mining	Hs.313389	AW297862	6704507	UI-H-BW0-ajb-e-07-0-ULs1 cDNA, 3' end /clone=IMAGE:2730306 /clone_end=3'	1	AGTCTGTCTATTCTCTCTCTTTAGCT CTGCTGTTCGCTCAAAATCAAGT
7687	db mining	Hs.313391	AW297905	6704541	UI-H-BW0-aju-h-11-0-ULs1 cDNA, 3' end /clone=IMAGE:2733188 /clone_end=3'	1	GCCAAAGGTGACGCAAAACATGCTCT TCAGAAAGCAATATTGTAAGAAAT
7688	db mining	Hs.309446	AH92055	4393058	lg12a01.x1 cDNA, 3' end /clone=IMAGE:2108520 /clone_end=3'	1	CATTGTCCCTCCCGCTGTGCTCTCAG GCAATAAAGATGATTGATTATCT
7689	db mining	Hs.313311	AW296433	6703069	UI-H-BW0-ahp-a-05-0-ULs1 cDNA, 3' end /clone=IMAGE:2730128 /clone_end=3'	1	GGTCAGAAACCCGACCAAGAGACT CTGGAGGGTCTTCCTTCTGTGTTCT
7690	db mining	Hs.319887	BF507606	11590906	UI-H-BW1-ana-e-05-0-ULs2 cDNA, 3' end /clone=IMAGE:3071720 /clone_end=3'	1	TTCAACTGCTTTGGACATGCCATGGG TACCTGAGGATAAGACGAATGTCT
7691	db mining	Hs.255237	AW293790	6700426	UI-H-B12-ahp-e-06-0-ULs1 cDNA, 3' end /clone=IMAGE:2727635 /clone_end=3'	1	GGGTTGACTAAATGCACATGGCGTTA TCTTTACCTCTCCAGAAATGTCT
7692	db mining	Hs.313363	AW297459	6704095	UI-H-BW0-als-g-03-0-ULs1 cDNA, 3' end /clone=IMAGE:2730436 /clone_end=3'	1	TGCATGACCCAGAACATGCTCCGTATA CAGTAAGCAGGAGTAGCTGTCTCT
7693	db mining	Hs.320367	BF512169	11597272	UI-H-BW1-amf-c-10-0-ULs1 cDNA, 3' end /clone=IMAGE:3070074 /clone_end=3'	1	ACCTGCCAGCCGCCCAACACTATAA ACTGTGTGACACCCCAATTTATCT
7694	db mining	Hs.320440	BF512733	11597912	UI-H-BW1-amm-d-04-0-ULs1 cDNA, 3' end /clone=IMAGE:3070494 /clone_end=3'	1	GGTTTCTGAGGTGATCTTAATATGCA GTCAATGGTTAAAGACCTGTGATCT
7695	db mining	Hs.313374	AW297607	6704243	UI-H-BW0-ajp-e-04-0-ULs1 cDNA, 3' end /clone=IMAGE:2731854 /clone_end=3'	1	AAGCCTTGACACAGCTTCCCGTTTCT CTCTTGCTCTCGCCAAAGATCT
7696	db mining	Hs.313355	AW297325	6703961	UI-H-BW0-ahf-a-06-0-ULs1 cDNA, 3' end /clone=IMAGE:2730135 /clone_end=3'	1	ACCCAAAGGATGGTGCTCTCTGTCCC AGTTGAAAGGTTTCTACCTAGCT
7697	db mining	Hs.320420	BF512599	11597778	UI-H-BW1-amf-h-07-0-ULs1 cDNA, 3' end /clone=IMAGE:3069825 /clone_end=3'	1	TGGTTGAATACGAGGAACACCCACA GTACCCAGGACTATAAATAGCT
7698	db mining	Hs.118899	AA243283	1874128	zs13g11.s1 cDNA, 3' end /clone=IMAGE:685124 /clone_end=3'	1	TTAGGGCAGTGAGAAATCAGGGGT ATCTAAATAATTCCTCATGAGCT
7699	db mining	Hs.105226	AA489212	2218814	aa57d11.s1 cDNA, 3' end /clone=IMAGE:825045 /clone_end=3'	1	GCAGATGTCTGCTCATGGTTTATTA TCTCTGTATTGGTTTCAAGGAGCT
7700	db mining	Hs.297505	BF514865	11600044	UI-H-BW1-anf-f-12-0-ULs1 cDNA, 3' end /clone=IMAGE:3082534 /clone_end=3'	1	TGCTGTATTGAGGTCAGATAGTAC ACTGAAATAATCCCGTAAAGCT
7701	db mining	Hs.320492	BF513340	11598519	UI-H-BW1-amk-b-10-0-ULs1 cDNA, 3' end /clone=IMAGE:3070050 /clone_end=3'	1	CTCCCTTCCCAACATACACACTCC CAGCTCATTTTGATTCCTTTCTCT
7702	db mining	Hs.304837	AW292802	6699438	UI-H-BW0-ajf-f-12-0-ULs1 cDNA, 3' end /clone=IMAGE:2729615 /clone_end=3'	1	GGTGAATTAAGCTGGTCTCTCTCCC ACCTCTCTTCCGTAGCAATTCCT
7703	db mining	Hs.24656	BF507762	11591060	KJAA0907 protein (KJAA0907), mRNA /cds=(26,1720)	1	ACTAATTCCTCGTGTCTGCCCCTGAAC ATGAAGATATAATGGACGATCCCT
7704	db mining	Hs.320460	BF512975	11598154	UI-H-BW1-amh-b-06-0-ULs1 cDNA, 3' end /clone=IMAGE:3069659 /clone_end=3'	1	TTAAAGGCTCAACCTACCTCAGACA CTGCTCACCACCTGACCTCCCT
7705	db mining	Hs.313384	AW297745	6704381	UI-H-BW0-ajp-b-10-0-ULs1 cDNA, 3' end /clone=IMAGE:2730954 /clone_end=3'	1	CCCTTTGTGAGAAAGACAGGTTTCC TTTCTATGGAATGATGTGACCCCT

Table 8

7706	db mining	Hs.105105	AA419402	2079198	zu99a12.s1 cDNA, 3' end /clone=IMAGE:746110 /clone_end=3'	1	TTCTACCCATCACACAGATTCTTCCA CTTAATAAACTGCATCAAGCTACCT
7707	db mining	Hs.123180	AA805419	2874169	oct13g03.s1 cDNA, 3' end /clone=IMAGE:1340788 /clone_end=3'	1	TCAATTACTGTTGTGAAGGCTCTTCAA GAGAGAAGAAGTGAAGGCTGAAGCT
7708	db mining	Hs.297396	BF515183	11600450	UI-H-BW1-ani-c-01-0-ULs1 cDNA, 3' end /clone=IMAGE:3082728 /clone_end=3'	1	GCTGTCGGTGAAGACACTGTCAAGTC AGGAAGTGAACATAAGAACTTTACT
7709	db mining	Hs.334992	AJ084211	3422634	RST2088.1 cDNA	1	CTCTGTATAATCCAGCACTGGAAGCTT GCAGTGAGGCAAGATCATGCCACT
7710	db mining	Hs.313273	AW295743	6702379	UI-H-BW0-aiw-g-08-0-ULs1 cDNA, 3' end /clone=IMAGE:2730830 /clone_end=3'	1	TTGGTCCACCAAGCTGGTGCTGTGAA TGCTTTGCTCTCTTAAAGGTAATCT
7711	db mining	Hs.319891	BF507631	11590929	UI-H-BW1-ana-h-01-0-ULs2 cDNA, 3' end /clone=IMAGE:3071856 /clone_end=3'	1	GCAACAATCTTTTGGAAAGTGACTCT CTAGGGTGCGGAGAAATGGTGAT
7712	db mining	Hs.320422	BF512614	11597793	UI-H-BW1-amg-a-12-0-ULs1 cDNA, 3' end /clone=IMAGE:3069622 /clone_end=3'	1	TCATCTCTGTAGGCTTCTCAATCTCTA TGCAGAGCAAAATATAGAGGAT
7713	db mining	Hs.319872	BF507414	11590721	UI-H-BW1-amz-a-11-0-ULs2 cDNA, 3' end /clone=IMAGE:3071517 /clone_end=3'	1	CTTTGTATTTCAAGAAAGTAGCCCGT TTGGCTGTGATTATGTTGACAT
7714	db mining	Hs.264120	AJ523641	4437776	601436078F1 cDNA, 5' end /clone=IMAGE:3921187 /clone_end=5'	1	TTTAGAGAGCTGACCATACATGATGAG TGATACAGGCTGCTATTTGCTCAT
7715	db mining	Hs.105284	AA491263	2220436	aa49d04.s1 cDNA, 3' end /clone=IMAGE:824263 /clone_end=3'	1	ACTGGGATGATGATGAGATCAAGGCA CTTTTGGAGGCTGTAGCTAGCCAT
7716	db mining	Hs.124376	AA831043	2904142	oc58h02.s1 cDNA, 3' end /clone=IMAGE:1353939 /clone_end=3'	1	AGGCTGTTGGCTGCAGCGGCTTTTCAA AAGCGACTCATATTGAAGAAGAT
7717	db mining	Hs.309144	AJ844035	4196816	td05c02.x1 cDNA, 3' end /clone=IMAGE:2074754 /clone_end=3'	1	GCACCTCGAGGCTGGGCAACAAGAGC GAAACTCTTGCTTCAATAAATAAT
7718	db mining	Hs.301325	BF514004	11599183	UI-H-BW1-amv-a-04-0-ULs1 cDNA, 3' end /clone=IMAGE:3071311 /clone_end=3'	1	CGGGCGGGTGCGCGCTGCTGGGAG AAGATGAATCTTCATGATGATTTTG
7719	db mining	Hs.319904	BF507742	11591040	UI-H-BW1-anc-f-02-0-ULs2 cDNA, 3' end /clone=IMAGE:3072122 /clone_end=3'	1	GATGGAACTGCAAGGCTGTATTAGCTT TCCTCAGTCTTACCAAGGAGGCTTG
7720	db mining	Hs.320092	AJ392740	4222287	tg23f02.x1 cDNA, 3' end /clone=IMAGE:2109627 /clone_end=3'	1	ACCAACCCATGGAACAACCTTGATCTT GAACCTCTAGCTTCTGAGACCTGTG
7721	db mining	Hs.313371	AW297578	6704214	UI-H-BW0-ajg-b-03-0-ULs1 cDNA, 3' end /clone=IMAGE:2731708 /clone_end=3'	1	AATGTAGCTGACATTGAGCAACCGC CCATAGAAGAAGGCTAAACTGTG
7722	db mining	Hs.320444	BF512784	11597963	UI-H-BW1-amm-h-10-0-ULs1 cDNA, 3' end /clone=IMAGE:3070698 /clone_end=3'	1	CTTCACTGACAGCTGTAGACACATAGG CAGGTTGGAAAGGGTGGAAGTGTTG
7723	db mining	Hs.320473	BF513155	11598334	UI-H-BW1-amj-b-03-0-ULs1 cDNA, 3' end /clone=IMAGE:3070013 /clone_end=3'	1	GCCCCGTGTGGTTGGAAAAGTGTTCT GAATCCAATAAAGGAAGACGGGTG
7724	db mining	Hs.320419	BF512597	11597776	UI-H-BW1-amh-05-0-ULs1 cDNA, 3' end /clone=IMAGE:3069921 /clone_end=3'	1	CAACAGTGGAAGAGATAGCCAGCGC ATAGGACGGAATGAAATCAAGGTG
7725	db mining	Hs.320365	BF512157	11597260	UI-H-BW1-ami-b-10-0-ULs1 cDNA, 3' end /clone=IMAGE:3070026 /clone_end=3'	1	CATCCTTAGATGCGCACTTCTCACTT GGGTATTTTCCTGCTCTCAAGTG
7726	db mining	Hs.299471	BF513893	11599072	UI-H-BW1-amq-d-02-0-ULs1 cDNA, 3' end /clone=IMAGE:3070874 /clone_end=3'	1	ACCAACAGTACCGTATTGCCACCAC AAGTAACCAAGTCCCTCACTTCTG
7727	db mining	Hs.313368	AW297544	6704180	UI-H-BW0-ajg-a-01-0-ULs1 cDNA, 3' end /clone=IMAGE:2731200 /clone_end=3'	1	AGGCTAAATCAGAGCTTTCCCTCCCA GATAAAGGAATTTTCCCTCCCTG
7728	db mining	Hs.105170	AA481410	2210982	zv02g12.s1 cDNA, 3' end /clone=IMAGE:746374 /clone_end=3'	1	AACCTTCAGAGGCAAGGAGATTAGACA GGGATGACAGCTTAAGGGGTACTG
7729	db mining	Hs.313251	AW295130	6701766	UI-H-BW0-ait-h-08-0-ULs1 cDNA, 3' end /clone=IMAGE:2730495 /clone_end=3'	1	ACCTCTTGCTGTATTATTACCTTTTCA TTACAACAAAGCTCATGCACTG
7730	db mining	Hs.297392	BF514201	11599380	UI-H-BW1-ani-d-05-0-ULs1 cDNA, 3' end /clone=IMAGE:3082401 /clone_end=3'	1	GATCAAAACAGGCTCTTGACTTTTT GCAGGGGCGAGCTGCGCAATCTTG
7731	db mining	Hs.122417	AA761212	2810142	nc2003.s1 cDNA, 3' end /clone=IMAGE:1288324 /clone_end=3'	1	CCTAAGATGTGTCCTCAGAGATGCA CAGATGTATATGGGTAGAGGAATG
7732	db mining	Hs.297469	BF512785	11597964	UI-H-BW1-amm-h-11-0-ULs1 cDNA, 3' end /clone=IMAGE:3070700 /clone_end=3'	1	CCAACCTGATCATGAAGCTGCTTCT GTCCCAAGTCAATCCCAATTGTGG
7733	db mining	Hs.313275	AW295750	6702386	UI-H-BW0-aiw-h-03-0-ULs1 cDNA, 3' end /clone=IMAGE:2730868 /clone_end=3'	1	GCTTTTCAATGCTTCCGAAGTGAAGT GCTAACAGGGCAATTAAGTGCTG

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7734	db mining	Hs.131373	AW293031	6699667	UI-H-BW0-aih-g-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729299 /clone_end=3'	1	AGTCTCTGTAACAGTTAAACCTTTCTT GCCAGCTCTCAGGTTATCACTGG
7735	db mining	Hs.320386	BF512295	11597474	UI-H-BW1-amb-a-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069389 /clone_end=3'	1	GTGTGTAAATGAGTGCAGATCTTTT CTGAAAAACGGTTTGATTTGGGG
7736	db mining	Hs.320429	BF512664	11597843	UI-H-BW1-amp-f-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069844 /clone_end=3'	1	AGGCTCCCAAGAGGAATATTTTCTT AAAGTAACCTCCCTGATTTCGGGG
7737	db mining	Hs.123352	AA811133	2880744	oa98b10.s1 cDNA, 3' end /clone=IMAGE:1320283 /clone_end=3'	1	GCTCCCCATGCTGTGTAGCAAGAAT CTAAAGATAATCATGTGAACGGG
7738	db mining	Hs.320389	BF512323	11597502	UI-H-BW1-amb-g-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069497 /clone_end=3'	1	TTGCTTGTGTTCTTTATCTCCCTCAT GTTTCATCTGTGTCAGCAGGG
7739	db mining	Hs.120563	AA741116	2779708	nc0406.s1 cDNA, 3' end /clone=IMAGE:1266823 /clone_end=3'	1	ACAGTTGCCTTTGAGATTCCTGTATT CTGCATGAATAATCCATAAGGG
7740	db mining	Hs.320373	BF512098	11597310	UI-H-BW1-ami-f-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070222 /clone_end=3'	1	GTCTCTTGAAGTAAACACTTTGTATT GGAACCACTCTTCAAGCTGAACCG
7741	db mining	Hs.320490	BF513327	11598506	UI-H-BW1-ami-a-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069996 /clone_end=3'	1	ATTGATTCATTCATCAACAGCACTT AAAAACAATGCCCTGTGTCAGG
7742	db mining	Hs.313290	AW296074	6702710	UI-H-BW0-slu-h-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730852 /clone_end=3'	1	CACACCCAGCCCATCTACAAAGGAC TATAAAATCTACACCCAGTCAAG
7743	db mining	Hs.320390	BF512330	11597509	UI-H-BW1-amb-h-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069537 /clone_end=3'	1	GGCATAGTAGTGCTAACAAGAGGTG GAAGTAGTGAAGGGAGTTTGAACG
7744	db mining	Hs.297397	BF507606	11590904	UI-H-BW1-ana-e-02-0-UI.s2 cDNA, 3' end /clone=IMAGE:3071714 /clone_end=3'	1	CTAGTCTGCCCCCACTCCCAAGT ATTACCCCTCTTAAGTCTGCTAG
7745	db mining	Hs.309256	A1373161	4153027	qt13a01.x1 cDNA, 3' end /clone=IMAGE:2021352 /clone_end=3'	1	AGATAAGCAGGATAACAAGACAGGT TGGATTGTGATCAGCTCTATGGAG
7746	db mining	Hs.343303	BF513322	11598501	UI-H-BW1-ami-a-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069986 /clone_end=3'	1	GATGGCTAGGACAGATGATTTACAA GAGCGTGGCGGAGGAGGACGCCAG
7747	db mining	Hs.301870	BF507614	11590912	UI-H-BW1-ana-f-03-0-UI.s2 cDNA, 3' end /clone=IMAGE:3071764 /clone_end=3'	1	CCGTGCTCGGATTGTGTGTTACTT CTAAAGTGCACTACTTCTATAAG
7748	db mining	Hs.300479	AW452510	6993286	UI-H-BW1-ame-a-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069598 /clone_end=3'	1	GTATCTCTGCACCTCACTACTCCCT TCACTCCTTGGAGACTTGGGCAAG
7749	db mining	Hs.320387	BF512301	11597480	UI-H-BW1-amb-e-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069401 /clone_end=3'	1	AACACACCACAAACATCTTCCCAT CCTTCTTCCCAACCAAGCTACAAG
7750	db mining	Hs.122854	AA292826	1940611	zs7h08.r1 cDNA, 5' end /clone=IMAGE:701631 /clone_end=5'	1	ACAAATTGGAGTTGGGGCTGTACCAC CTGAAGTGTGTCAACACAGAGAAAG
7751	db mining	Hs.300488	AW453029	6993805	UI-H-BW1-ama-c-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069306 /clone_end=3'	1	TTAGGGCCAAAGTCTTCTAGTGGCGG AGCTTTCTTGCTCTAGCACTGGTTC
7752	db mining	Hs.335081	A1380942	4190807	lg18c08.x1 cDNA, 3' end /clone=IMAGE:2109134 /clone_end=3'	1	AGTGATGCTTGCCTTTTCTTCTTCT AAAGATGTCATTGTAACCAAGTC
7753	db mining	Hs.313822	AW452916	6993692	UI-H-BW1-amb-d-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069267 /clone_end=3'	1	CCGACTCTTAATGTGAATGGGTGG CAGACACCTCTAGCTATAGAGCTC
7754	db mining	Hs.309486	A1523959	4438094	lg9f09.x1 cDNA, 3' end /clone=IMAGE:2116841 /clone_end=3'	1	GAGCCGAAGATTGGGCCACTGCACCT CAGCTGTGGGTGACAGAGTGAGACTC
7755	db mining	Hs.303926	AW084223	3422646	oy72g05.x1 cDNA, 3' end /clone=IMAGE:1671416 /clone_end=3'	1	GAGCCGAAGATTGCATCACTGCACCTC AGCCTGGTCAACAGAGCGAGACTC
7756	db mining	Hs.313170	AW292942	6699578	UI-H-BW0-aij-f-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729252 /clone_end=3'	1	TTGATCTATGACGACAACTCCGCTTA ATGCCCTCCTAAGTGCAGAACACTC
7757	db mining	Hs.313795	AW452653	6993329	UI-H-BW1-ame-e-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069788 /clone_end=3'	1	GGTCTCTCTCTCTACTCTCCCTAG TAACATAACCAAGCCTCAATC
7758	db mining	Hs.319883	BF507567	11590865	UI-H-BW1-ami-h-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:3071079 /clone_end=3'	1	TTGTTGTTTGTGTTATTTATTTTGG AGGCAGCGCTTCTGCTGTGTTGC
7759	db mining	Hs.320476	BF513187	11598366	UI-H-BW1-ami-e-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070155 /clone_end=3'	1	TGGCATCTTACATCTAATCAAGAGG TAGAGCTTCCCTCGGTGTTCTCGC
7760	db mining	Hs.313828	AW453000	6993776	UI-H-BW1-ama-a-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069200 /clone_end=3'	1	TGCTCTGCTCTTCCCAATCAAGGAA TGATGATCTTGCCTAACGAACTGC

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7761	db mining	Hs.120251	AA731396	2753642	nz86f07.s1 cDNA, 3' end /clone=IMAGE:1302373 /clone_end=3'	1	TGGCACCAACTTACACTTCCAGAAGA GAGTGGTTCAGGAAATTAATCATGCG
7762	db mining	Hs.131392	AW297908	6704544	UI-H-BW0-ajh-a-04-0-ULs1 cDNA, 3' end /clone=IMAGE:2732071 /clone_end=3'	1	AACCTTTGGGAAGTGAGACTCTGTCTT GGGTTTTTGATAATAATGTGGCG
7763	db mining	Hs.343320	BF512697	11597876	UI-H-BW1-amm-a-02-0-ULs1 cDNA, 3' end /clone=IMAGE:3070346 /clone_end=3'	1	CCGAGAAAGTACGGCTGGAGCGGAC TGGGAGACGGAAATATTGAGTCGG
7764	db mining	Hs.304176	AI540182	4457555	td10f04.x1 cDNA, 3' end /clone=IMAGE:2075263 /clone_end=3'	1	CGAAGAAAGAATTGGATGCAAGATTC TTGCTTAACCTGGGTGACACAGAGC
7765	db mining	Hs.320425	BF512629	11597808	UI-H-BW1-amm-c-03-0-ULs1 cDNA, 3' end /clone=IMAGE:3069700 /clone_end=3'	1	AGTGCGCTGTGATTCCACCCCTTACC TCCCACTGACGTGACCAATGTAAAGC
7766	db mining	Hs.313236	AW294711	6701347	UI-H-BW0-aim-b-12-0-ULs1 cDNA, 3' end /clone=IMAGE:2729806 /clone_end=3'	1	AGAAAGTTAGGAGTCGGCAACCTTAA GGAGGAGTTTCTCATCTCTCTCC
7767	db mining	Hs.313379	AW297666	6704302	UI-H-BW0-ajh-c-02-0-ULs1 cDNA, 3' end /clone=IMAGE:2731755 /clone_end=3'	1	TGTCAAAAGATTGAAGCAAGGTGGCT CAGGGAACGTGCTCAAGAACCTCC
7768	db mining	Hs.123341	AA810927	2880538	oa77f07.s1 cDNA, 3' end /clone=IMAGE:1318285 /clone_end=3'	1	GCAAAGTGAAGATTTCCTTTGGCC CTAAATATGAAGGAAGATGAC
7769	db mining	Hs.313208	AW293891	6700627	UI-H-BW0-alk-h-08-0-ULs1 cDNA, 3' end /clone=IMAGE:2729726 /clone_end=3'	1	CCCTGTCCATCTTTTCTGTTCTCTATC CAGCCTTCCTCTCTCTTTTGGCG
7770	db mining	Hs.123344	AA811024	2880635	oa82g05.s1 cDNA, 3' end /clone=IMAGE:1318808 /clone_end=3'	1	CCACGGAGGGCTGCAACTCTAAAGG GAGTTTAATAACAAAGGAATGGCC
7771	db mining	Hs.320450	BF512839	11598018	UI-H-BW1-amm-e-10-0-ULs1 cDNA, 3' end /clone=IMAGE:3071322 /clone_end=3'	1	CAATTGGTACATTCTCGGCAACCCCT TGCCGACAATTTCTCAGGAAGCC
7772	db mining	Hs.313369	AW297549	6704185	UI-H-BW0-ajh-g-08-0-ULs1 cDNA, 3' end /clone=IMAGE:2731214 /clone_end=3'	1	AGGGTGTCCCTGTGATTTTAAATTC ACTATCTAGCTGTCCGTATCCCC
7773	db mining	Hs.297527	BF515924	11601103	UI-H-BW1-acc-e-01-0-ULs1 cDNA, 3' end /clone=IMAGE:3084001 /clone_end=3'	1	CTTATATTATGTTTCTCTGTGACAAG CACCTCACCTCCCAACCCACCCC
7774	db mining	Hs.287513	BF515496	11600677	UI-H-BW1-ann-g-04-0-ULs1 cDNA, 3' end /clone=IMAGE:3082950 /clone_end=3'	1	GAGAATTCAAATTAATGCAAGAGTCC TAGGCCACCTCGGCAATCACACC
7775	db mining	Hs.105218	AA488881	2218483	aa55f06.s1 cDNA, 3' end /clone=IMAGE:824867 /clone_end=3'	1	ACAACCAATGCCTCAGACTTAAGCTC CTAGAAGTCACTTAGGACACGACGC
7776	db mining	Hs.309447	A492062	4393085	tg12a11.x1 cDNA, 3' end /clone=IMAGE:2108540 /clone_end=3'	1	GGCCTCACAGAAATTAATCATGCTG GCACCTTATCTGGAGTTTCAACC
7777	db mining	Hs.309483	AI523758	4437893	tg94e10.x1 cDNA, 3' end /clone=IMAGE:2116458 /clone_end=3'	1	AGGGTAAGAGTCTCGGACCTGACTG GACAATAAAGTGAGACTGTCTCTAC
7778	db mining	Hs.343333	BF515310	11600412	UI-H-BW1-ank-g-09-0-ULs1 cDNA, 3' end /clone=IMAGE:3082577 /clone_end=3'	1	CTCCGCTGCGCCGCTCGTAGCCAC AGCGACTTTGGAAGTATATTGAC
7779	db mining	Hs.309687	AM01187	4244274	tg26h10.x1 cDNA, 3' end /clone=IMAGE:2109955 /clone_end=3'	1	CCCTGGAAGAGAGGGGTGATTATTT TGCACTTTCTGATTTACCACGAG
7780	db mining	Hs.314730	AI523958	4438093	tg8f08.x1 cDNA, 3' end /clone=IMAGE:2116839 /clone_end=3'	1	GATTGTTTGAGCTGGGAGTTCACACA CCAGCGCTGGGCTACATAGGGAGAC
7781	db mining	Hs.313337	AW297006	6703642	UI-H-BW0-ajf-c-09-0-ULs1 cDNA, 3' end /clone=IMAGE:2731409 /clone_end=3'	1	CTGCTCTAGACTGAGCAGACGCACTG ACAGGTGAGCTGACCTCTCTCAC
7782	db mining	Hs.116455	AA649141	2575570	ns32g12.s1 cDNA, 3' end /clone=IMAGE:1185382 /clone_end=3'	1	ACCCCTGCTTTACTGTGACAGACATA TAGTTTGTCTACATACAAACCCAC
7783	db mining	Hs.123313	AA810089	2879495	od12f12.s1 cDNA, 3' end /clone=IMAGE:1367759 /clone_end=3'	1	ACCTTAACAGAAATTTGGATTCGGGTT GTCTAAATACACCTCGGTGGGTTA
7784	db mining	Hs.319868	BF507353	11590660	UI-H-BW1-amm-x-04-0-ULs1 cDNA, 3' end /clone=IMAGE:3071239 /clone_end=3'	1	GCCTTCCCAACACGATTTATGTGA TTCCTCGCCTACCTCTACCTA
7785	db mining	Hs.123342	AA811005	2880616	oa73g11.s1 cDNA, 3' end /clone=IMAGE:1317958 /clone_end=3'	1	TCCCATTCATGTCCGATATATTGA AGCTGGCTTACTTCTCTGTGTA
7786	db mining	Hs.313288	AW296061	6702697	UI-H-BW0-ali-g-06-0-ULs1 cDNA, 3' end /clone=IMAGE:2730802 /clone_end=3'	1	GGCAGGGAAGTGAACCAATATTTCC AGCCCTTCTGTGAGCTTCTCGTA
7787	db mining	Hs.308998	AI356553	4108174	qz27h12.x1 cDNA, 3' end /clone=IMAGE:2028167 /clone_end=3'	1	GCTTAGGAGTTTGGGACCAAGCCTGG GTAACATAGTTGAACACCTGTCTCTA

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7788	db mining	Hs.313328	AW296796	6703432	UI-H-BW0-ajb-e-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731115 /clone_end=3'	1	TTGCAGCTATTTTCAAGTTGTAAAGAAA TGAACCTGCAACACATAGGGCTA
7789	db mining	Hs.320462	BF512986	11598165	UI-H-BW1-amh-c-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069707 /clone_end=3'	1	TGCTTTGCCACAGGAGTTTCTCTCCAA GCTGGAACTACCAATTTCTTCCTTA
7790	db mining	Hs.297514	BF516300	11601479	UI-H-BW1-amc-b-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:3084010 /clone_end=3'	1	CCCACCCACCACTAGGTTGTGATCTCA ACTGAACCACTTTCAGAGCACCTA
7791	db mining	Hs.124358	AA830650	2903749	oc52g02.s1 cDNA, 3' end /clone=IMAGE:1353362 /clone_end=3'	1	GAAOCCAGCTAAGCCACACCCAGAGATT CTGACCCAGGGATCTCTGTAATA
7792	db mining	Hs.313345	AW297163	6703789	UI-H-BW0-ajd-a-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731279 /clone_end=3'	1	GTGTGTGCTGGCGTCCCTATAGGT GTGGTGTTTCCCTGTGCAATTTTGA
7793	db mining	Hs.320484	BF513246	11598425	UI-H-BW1-amc-b-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070426 /clone_end=3'	1	AGGAAAGCTCAGAAATATTTCTGCC CCCTGGATTCTCTAAGATTTGTGA
7794	db mining	Hs.105130	AA482030	2206708	zu98g04.s1 cDNA, 3' end /clone=IMAGE:746070 /clone_end=3'	1	GTGGGAAGATCCTCAACACGAACACT ATTAAAGTCTGCACCTAGATCTGA
7795	db mining	Hs.104176	AA214530	1813155	zr92a06.s1 cDNA, 3' end /clone=IMAGE:683122 /clone_end=3'	1	GGCCTAGGTTCCAGGATTCGATCATC AAGCTCTTGTCAGAAATAAATGA
7796	db mining	Hs.121118	AA721101	2737236	n267s01.s1 cDNA, 3' end /clone=IMAGE:1300488 /clone_end=3'	1	CCCCATTTGGAGTGTGCTCAAAACAG CAGCTTCTTTGAGTTACCATGGGA
7797	db mining	Hs.313313	AW298455	6703091	UI-H-BW0-ajg-c-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730224 /clone_end=3'	1	AAGGCTTGATCTAGTACGCCCTGTGA CTACACTGTGCTATACCTGGTAGA
7798	db mining	Hs.335116	AI524072	4438207	th01d07.x1 cDNA, 3' end /clone=IMAGE:2117005 /clone_end=3'	1	CACITTTGGGAGGCGAGGTTGAGCAG ATCACTTGAGGCGCAGAGTTTGAAG
7799	db mining	Hs.309130	AI382229	4195010	td04d04.x1 cDNA, 3' end /clone=IMAGE:2074663 /clone_end=3'	1	GGATCACTTGAAGCCAGCAGTTTGA ACGAGCGCTGGGCAATAAATGAGA
7800	db mining	Hs.297504	BF514819	11599998	UI-H-BW1-anj-b-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:3082338 /clone_end=3'	1	TCAGTTGTATGGGATTTCTTGATG ATGAGATGTGCTGTGACAGAGA
7801	db mining	Hs.297473	BF513074	11598253	UI-H-BW1-amn-c-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070445 /clone_end=3'	1	CTCTCTGAAGCTGGAACCAAGACTGC TCCATCAGAGTTAAAGGTGTAAGA
7802	db mining	Hs.313168	AW292924	6699560	UI-H-BW0-ajg-d-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729144 /clone_end=3'	1	GCTCACCCCTGCACCTCCTCCCAAA TCTGCTGTCACTATTTCTCAAAAG
7803	db mining	Hs.319885	BF507583	11590851	UI-H-BW1-ans-b-03-0-UI.s2 cDNA, 3' end /clone=IMAGE:3071572 /clone_end=3'	1	TTCCGTGTCGCAATTTGTGTGTCAGA TTGCCATTTGCTTCTGAGTTTCA
7804	db mining	Hs.320411	BF512514	11597693	UI-H-BW1-amc-h-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069570 /clone_end=3'	1	CTGGTTCTAGTGAGTCTCTCTCACTT TCCTGGTGTGTTGGTTATCTTTCA
7805	db mining	Hs.116501	AA651832	2583484	ns40b05.s1 cDNA, 3' end /clone=IMAGE:1186065 /clone_end=3'	1	TGACATGATTACCTGACTGATGTTTC TCTCCATTAGACTGAATGCTTCA
7806	db mining	Hs.320438	BF512719	11597898	UI-H-BW1-amn-c-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070440 /clone_end=3'	1	TGGCAAAAAGCCTAACACTGAACAT CCCATTCTATCAGCAACAACTCA
7807	db mining	Hs.319888	BF507812	11590910	UI-H-BW1-ans-e-12-0-UI.s2 cDNA, 3' end /clone=IMAGE:3071734 /clone_end=3'	1	GTTTACAAAGGGATAGTGTCTCGGA GGGACGAAGAGGCTGTGTTTGCA
7808	db mining	Hs.250726	AW298545	6705181	UI-H-BW0-ajm-g-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2723552 /clone_end=3'	1	TCCTCAACTCGGAGATTCTGTATG AGAGAATCAATTCTATATTGGA
7809	db mining	Hs.120738	AA749236	2789194	rx99c08.s1 cDNA, 3' end /clone=IMAGE:1270384 /clone_end=3'	1	ACATTTCTTAGTGATGTAGTGTGGA GGAAATATGGGAAGATGCTGCA
7810	db mining	Hs.320404	BF512350	11597616	UI-H-BW1-amc-b-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069264 /clone_end=3'	1	TCAGGAGGCTTGAAGAGCTCAAGGT TCTACACTATGGGAATAAGGCA
7811	db mining	Hs.319880	BF507510	11590808	UI-H-BW1-amr-c-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070831 /clone_end=3'	1	GTTTTCACTTGTGATACTAATCTATTG TTTTCTCCCCATGCCAAGTCA
7812	db mining	Hs.320371	BF512091	11597303	UI-H-BW1-amf-f-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070208 /clone_end=3'	1	AGCCAAGGGACATATATTCTCTTA TTTTAACCTCTCGTAGGACAGA
7813	db mining	Hs.307837	AI052783	3306774	cy78h09.x1 cDNA, 3' end /clone=IMAGE:1672001 /clone_end=3'	1	AGGAAGACCCCTGGTGAGAACAC GGTTGATTAAGGAAGATTTGAAGCA
7814	db mining	Hs.124383	AA831706	2904805	oc85b04.s1 cDNA, 3' end /clone=IMAGE:1356463 /clone_end=3'	1	TTGACTGCCATAGCCAAGAGTTAATA TAGTTCGGTTTCTTAAGGAAGCA
7815	db mining	Hs.123304	AA809672	2879078	n299b08.s1 cDNA, 3' end /clone=IMAGE:1303575 /clone_end=3'	1	CTTACTGTGCTTTTAGGTTTGTGCT TCTGTGCTGATGCTATTTGCA

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7816	db mining	Hs.123368	AA811539	2881150	ob45008.s1 cDNA, 3' end /clone=IMAGE:1334319 /clone_end=3'	1	TGCAGTTAGGAGTGTGGACACTCTGC CCATCTCCGATTAATTAATTC
7817	db mining	Hs.313176	AW293164	6699800	UI-H-BW0-ali-c-01-0-ULs1 cDNA, 3' end /clone=IMAGE:2729448 /clone_end=3'	1	ACTTGGGCTCTATCCACGATAACT TGTTATGTATATGCCAATATCCCA
7818	db mining	Hs.313171	AW292976	6699612	UI-H-BW0-ali-b-08-0-ULs1 cDNA, 3' end /clone=IMAGE:2729055 /clone_end=3'	1	AGCTAGAAAATGTCCCTTTTCTCTT TGGAGGCTCTTAACCAAGGCCCA
7819	db mining	Hs.343308	BF508886	11592184	UI-H-BW1-aos-a-03-0-ULs1 cDNA, 3' end /clone=IMAGE:3085732 /clone_end=3'	1	ATCCACCAATCTTATTAGCACTGTGG ATGCGCTTTTGCAGATGTCAACCA
7820	db mining	Hs.320468	BF513104	11598283	UI-H-BW1-amm-a-10-0-ULs1 cDNA, 3' end /clone=IMAGE:3070555 /clone_end=3'	1	TGACTTAAGGTTGGAATATCTCCTAC TACTCCTCGTCTTCTTGAGACA
7821	db mining	Hs.120585	AA743221	2782727	ny21c06.s1 cDNA, 3' end /clone=IMAGE:1272394 /clone_end=3'	1	TGTGGTTTGAAGTGGTTTACTGATGA GACAGCAAAATGACAGACGACCA
7822	db mining	Hs.297468	BF513126	11598305	UI-H-BW1-amm-g-09-0-ULs1 cDNA, 3' end /clone=IMAGE:3070649 /clone_end=3'	1	TGGCGAGCCAGCTCTGTGATGGGAT TCGTATCAACAGAAATGCTCATACA
7823	db mining	Hs.313205	AW293932	6700568	UI-H-BW0-ali-b-02-0-ULs1 cDNA, 3' end /clone=IMAGE:2729426 /clone_end=3'	1	TGCCCATCCTTTGTGTTTCTCTCTT CAGTCATGAGCTTATTGGAGACA
7824	db mining	Hs.343329	BF515646	11600825	UI-H-BW1-ann-d-06-0-ULs1 cDNA, 3' end /clone=IMAGE:3083555 /clone_end=3'	1	CTCAACCTTGGCCCTAACTAACAGT GACAGGGAGTCTCCCAAGCTCACA
7825	db mining	Hs.319906	BF507755	11591053	UI-H-BW1-anc-g-07-0-ULs2 cDNA, 3' end /clone=IMAGE:3072180 /clone_end=3'	1	TCCTGACCCTTGACAGAGAGCTTTTA CAGAGCTCTTGGCAGTACACACA
7826	db mining	Hs.320465	BF513053	11598232	UI-H-BW1-amm-a-08-0-ULs1 cDNA, 3' end /clone=IMAGE:3070355 /clone_end=3'	1	AGTGTGTGGCACCAGGGATCACTG TATGAGAATTCCTTGACACACACA
7827	db mining	Hs.320430	BF512667	11597846	UI-H-BW1-amp-f-06-0-ULs1 cDNA, 3' end /clone=IMAGE:3069850 /clone_end=3'	1	GCTGTGAAGTCCCTTCTTACTCATCT TCCTCTCAATGACCAACACACA
7828	db mining	Hs.120718	AA748539	2788487	ny05h12.s1 cDNA, 3' end /clone=IMAGE:1270919 /clone_end=3'	1	GCCAGTTGGCAGCATTTATGAAACAC ACCACCTGTGAACCACTGAATTA
7829	db mining	Hs.320472	BF513154	11598333	UI-H-BW1-amm-b-02-0-ULs1 cDNA, 3' end /clone=IMAGE:3070011 /clone_end=3'	1	TGAACATGACAGACAGTCCCTGGCTGAT AGGTGTGAATTTTCACTCACTTA
7830	db mining	Hs.319899	BF507695	11590993	UI-H-BW1-amb-h-05-0-ULs2 cDNA, 3' end /clone=IMAGE:3071865 /clone_end=3'	1	GCAACCTCTGCGCCCTGCAGAAAGAT ATTGCTGCAAGATATTCACTGAA
7831	db mining	Hs.124932	AA825273	2898575	oc67a02.s1 cDNA, 3' end /clone=IMAGE:1354730 /clone_end=3'	1	TAACATTCCTGGACAGCTCCTGGCA TAGGGTAGATAATAAGTGTGGAA
7832	db mining	Hs.313354	AW297308	6703944	UI-H-BW0-ajl-h-03-0-ULs1 cDNA, 3' end /clone=IMAGE:2732020 /clone_end=3'	1	TCTCTAACCATCAAGGAAGGTCAAGG GCCATGTATCTCTTTAGGAGAA
7833	db mining	Hs.127178	AA936725	3096753	oc10g07.s1 cDNA, 3' end /clone=IMAGE:1340508 /clone_end=3'	1	TTCCACAACCTCAGGTGTGCAAGAAA CAATGCATTACTTTATTTTCAGAA
7834	db mining	Hs.320445	BF512786	11597985	UI-H-BW1-amm-h-12-0-ULs1 cDNA, 3' end /clone=IMAGE:3070702 /clone_end=3'	1	CAGGAGTTTGGACACAGCTGTGGCA ACATAGTAAGTCTGCACCTCTTCAA
7835	db mining	Hs.319902	BF507708	11591006	UI-H-BW1-anc-b-02-0-ULs2 cDNA, 3' end /clone=IMAGE:3071930 /clone_end=3'	1	TCCCTAGTCTGAGACACTCGGGAACT AAAACAATCAATCCCTGAGGAA
7836	db mining	Hs.104348	AA251338	1886301	zs08a08.s1 cDNA, 3' end /clone=IMAGE:884562 /clone_end=3'	1	TCCCTTCTTATGGAGACCCCTCCCTG TCACAGCACAATGTGGGTAATAAA
7837	db mining	Hs.320442	BF512761	11597940	UI-H-BW1-amm-f-08-0-ULs1 cDNA, 3' end /clone=IMAGE:3070598 /clone_end=3'	1	CAGAACCAAGGCCCACTGTGAAAG GTGCTGCTGAACCAAGATAATAAA
7838	db mining	Hs.320470	BF513152	11598331	UI-H-BW1-amm-a-12-0-ULs1 cDNA, 3' end /clone=IMAGE:3069983 /clone_end=3'	1	GAGTCAGCAACACTGGTCTCTTGGC TTGGTTGATGCTTTTGAAGTAA
7839	db mining	Hs.300359	BF516423	11601602	UI-H-BW1-aob-h-05-0-ULs1 cDNA, 3' end /clone=IMAGE:3084512 /clone_end=3'	1	TAAGGATGTCTCCATTTGGGAGAGAA ACCAATCTGTAAGAACTTACAAA
7840	db mining	Hs.309152	AI392970	4222517	tg22d05.s1 cDNA, 3' end /clone=IMAGE:2109513 /clone_end=3'	1	GCCACTGCATCTGACCTGTGGCAAC AGAGGAGGACCTTGACCTTTAA
7841	db mining	Hs.122448	AA761767	2810697	nz31e08.s1 cDNA, 3' end /clone=IMAGE:1289414 /clone_end=3'	1	CACAACACCCAAAAGGCTGCATTGCA TAACATGTATTTTGTGAATGAAA
7842	db mining	Hs.319874	BF507452	11590750	UI-H-BW1-amm-a-06-0-ULs2 cDNA, 3' end /clone=IMAGE:3071699 /clone_end=3'	1	GGGGTCTTGTCTACACAGCTCCCA AGATGGTGTGGGCCACTTCCAAAA
7843	db mining	Hs.104177	AA214542	1813167	zr92b09.s1 cDNA, 3' end /clone=IMAGE:883129 /clone_end=3'	1	TCCCTCTATAGGTAAGACGCTGTTT GTCTGGAATGTGGGACCTGTCT

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7844	db mining	Hs.104182	AA521405	2261948	aa68c06.s1 cDNA, 3' end /clone=IMAGE:826090 /clone_end=3'	1	GCTGCCGTGCTCTTTGGCATTTTCAG CATGACATATGTTTGTGGTAATGT
7845	db mining	Hs.255522	AW296182	6702818	UI-H-BL2-ala-c-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2726860 /clone_end=3'	1	CGAAGGCCCGTGTGGCGCTTCCTCC TATTCGTAGAGTGGTAGTTGTTT
7846	db mining	Hs.124926	AA765668	2816906	oa04f02.s1 cDNA, 3' end /clone=IMAGE:1303995 /clone_end=3'	1	AAAGAGGTAAACGATGCTCTCTCTT GTAGGTCGGGCTACAGGTGACCTT
7847	db mining	Hs.320388	BF512314	11597493	UI-H-BW1-amb-f-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069453 /clone_end=3'	1	TGGTTCTCAGCTGGGTGAACAGAG AAGGGGTCTATGCTGCTCTTTGTT
7848	db mining	Hs.123161	AA807319	2878895	oc38501.s1 cDNA, 3' end /clone=IMAGE:1351945 /clone_end=3'	1	TGTTCTTGGCACCCCTGCATGTCAGG CTATATCATCTTCTGTTGTTCTT
7849	db mining	Hs.120608	AA743877	2783228	ny25b04.s1 cDNA, 3' end /clone=IMAGE:1272751 /clone_end=3'	1	TGTCATTTCTTCTTCTAGCTGTGATG CAAGTGTCTAGTGTGCCACTCT
7850	db mining	Hs.120554	AA741010	2779602	ny99a10.s1 cDNA, 3' end /clone=IMAGE:1266394 /clone_end=3'	1	TGTCCAACTCTCTTTGTTGCTACAAAC AAAGAATGCCGTAGGATCAACTT
7851	db mining	Hs.330148	BE676227	10036768	xm8005.x1 cDNA, 3' end /clone=IMAGE:2690529 /clone_end=3'	1	CAAGTGGCCTTGGTGTTTAAATCTTG CCCTAAATGTGAATCAGATGATT
7852	db mining	Hs.120259	AA731522	2753678	nx59h08.s1 cDNA, 3' end /clone=IMAGE:1250945 /clone_end=3'	1	ACCAAGCATGGTGGCTGCGAGCTG TCTCATCTATCTTGAGAGTCCATT
7853	db mining	Hs.124333	AA829233	2902332	od05a10.s1 cDNA, 3' end /clone=IMAGE:1358298 /clone_end=3'	1	AGCATTTGCTTTGTTCCAGACATTTG CCTTAGCTGCTCTTCTTGTTGTAAT
7854	db mining	Hs.124281	AA825840	2899152	od59d02.s1 cDNA, 3' end /clone=IMAGE:1372227 /clone_end=3'	1	TGCAGCAAAAATGAATTCATAGGC CATTCAGTGTCTCGGATAAAT
7855	db mining	Hs.120716	AA749500	2788458	ny01h10.s1 cDNA, 3' end /clone=IMAGE:1270531 /clone_end=3'	1	CCAGGAATGAAATCGCCGCAACCCA GGTTAGGCACCTCTATTGCGAAT
7856	db mining	Hs.320428	BF512663	11597842	UI-H-BW1-amb-f-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069842 /clone_end=3'	1	AGGAATTTGTTGAAGTTCGTTTTCT CTTGTAGTCTGATCTTAAGCTGT
7857	db mining	Hs.123593	AA814828	2884424	ob73d07.s1 cDNA, 3' end /clone=IMAGE:1337005 /clone_end=3'	1	TGCGCTGGGGAAGATTTAAATCTAA GTGCTGGAGATCCCTTTGTATGT
7858	db mining	Hs.120214	AA730985	2752189	nw67a04.s1 cDNA, 3' end /clone=IMAGE:1251830 /clone_end=3'	1	ACCTGTAGGAAGGGTTTGTGAATATT CTGTGCTCTGAATTATTAGCGGT
7859	db mining	Hs.123365	AA811469	2881080	ob83c11.s1 cDNA, 3' end /clone=IMAGE:1337972 /clone_end=3'	1	TGAGAGGATCTTGAGACATTTCTGTG TATTTTGGCCTCTATGTTTAGT
7860	db mining	Hs.127156	AA938155	3096266	oc10a09.s1 cDNA, 3' end /clone=IMAGE:1340440 /clone_end=3'	1	TCCCAAGCATGAGACAAGTACCACCA GTGGTTTGAGGAGATGATTTAGGT
7861	db mining	Hs.320486	BF513278	11598455	UI-H-BW1-amb-e-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070560 /clone_end=3'	1	ACAAGACATGAGTCTCCGCAAAATGT CACTACTAAGATATTTCAGAGGT
7862	db mining	Hs.343330	BF514718	11599897	UI-H-BW1-ans-a-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:3083083 /clone_end=3'	1	GCTGCCCCAATCTCCATTTATTACC CTCCAACATGCACTTCTTCTCCT
7863	db mining	Hs.123584	AA814349	2883945	nz06h06.s1 cDNA, 3' end /clone=IMAGE:1287035 /clone_end=3'	1	ACATTTGCCAATGCACTTGATGTAAA GTGTTTGAGGATGTTGACTCTCCT
7864	db mining	Hs.123376	AA811751	2881362	ob80e12.s1 cDNA, 3' end /clone=IMAGE:1337710 /clone_end=3'	1	TCCCCCTCTCTAACCAAAATTTGGGA ACATCACTACTGTATATTATCCT
7865	db mining	Hs.122860	AA766374	2817612	oa36b03.s1 cDNA, 3' end /clone=IMAGE:1307021 /clone_end=3'	1	TCAAGACCTTGAAGTAACTTAAGTCT CCAAGGAAATGTAGTAGTTCCCT
7866	db mining	Hs.105268	AA490812	2219985	aa49e05.s1 cDNA, 3' end /clone=IMAGE:824288 /clone_end=3'	1	AACCCACAATCCAACTCCCTTGATGA GGATGATCATTAACAACATCACT
7867	db mining	Hs.297465	BF512677	11597856	UI-H-BW1-amb-q-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069894 /clone_end=3'	1	TTTGAAGCCTCTGGTACTTCCCTTC CCAAACCCAGTCAAGGAAAGACT
7868	db mining	Hs.127167	AA938326	3096437	oc11c08.s1 cDNA, 3' end /clone=IMAGE:1340558 /clone_end=3'	1	TTGAGAGTTACAGTATTTCTTTGAG TGGTGTGATTAAAGGTGCTTTTAT
7869	db mining	Hs.123361	AA811359	2880970	ob82a07.s1 cDNA, 3' end /clone=IMAGE:1337844 /clone_end=3'	1	CCAACCTCCAGAACTGCCTATCTAAC TCATCTGTGGTATGGAATGCTAT
7870	db mining	Hs.105282	AA491247	2220420	aa49b01.s1 cDNA, 3' end /clone=IMAGE:824233 /clone_end=3'	1	AGTGCTCTCTGCTGTAGCATGTTT ACTATCTTTGGCTGATCTTCAT
7871	db mining	Hs.320385	BF512292	11597471	UI-H-BW1-amb-a-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:3089359 /clone_end=3'	1	TGACCTCAGTCTTACTTCAGACAGAA CCTGTGGGTATATGCTACCTCAT

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7872	db mining	Hs.105506	AA521196	2261739	aa74c04.s1 cDNA, 3' end /clone=IMAGE:826662 /clone_end=3'	1	AAGGAGAACTGCTCAACTGAATCTCAA ATGCAGTCCAAATGAAGAGAGGCAT
7873	db mining	Hs.124928	AA765759	2816997	oa07h05.s1 cDNA, 3' end /clone=IMAGE:1304313 /clone_end=3'	1	TTCAAGTCATTATAGGTTTGGGCATA CAGGGTTAACCTCTTGATGTACAT
7874	db mining	Hs.320488	BF513286	11598466	UI-H-BW1-amo-e-11-0-ULs1 cDNA, 3' end /clone=IMAGE:3070580 /clone_end=3'	1	AGCAGAAACACATGTGTTTGACACTT TTCTTCTCTGTATGAGGTACAT
7875	db mining	Hs.122891	AA767801	2818816	oa45h08.s1 cDNA, 3' end /clone=IMAGE:1307989 /clone_end=3'	1	TGCTGTGTGGGTGAAGGAATCATC TATGCTAATGATTTAGGACCAGAT
7876	db mining	Hs.116435	AA648285	2574714	ns20d12.s1 cDNA, 3' end /clone=IMAGE:1184183 /clone_end=3'	1	ACCGAAAGCAGCATTTTCAATGTGTTA ATTAAATCGATGCAGAGCATTTGTG
7877	db mining	Hs.300303	AW292760	6699396	UI-H-BW0-ajl-c-03-0-ULs1 cDNA, 3' end /clone=IMAGE:2729453 /clone_end=3'	1	GTCCCTGGCCCTCTCACTTCTCGTCCA GGCTCTGGACCTTCTTCCCTCTG
7878	db mining	Hs.123154	AA688058	2674964	nv58c04.s1 cDNA, 3' end /clone=IMAGE:1233990 /clone_end=3'	1	TGTCCTGTCTTTACCTCATGCTCTC TGTTATGCGCTTAACTCTTGCTG
7879	db mining	Hs.320489	BF513296	11598475	UI-H-BW1-amo-f-11-0-ULs1 cDNA, 3' end /clone=IMAGE:3070628 /clone_end=3'	1	GCACAAGAGCTCATGTGGAACAAGTA CCAGGCCAGAGAGAGCATTAACCTG
7880	db mining	Hs.124353	AA830448	2903547	oc51d05.s1 cDNA, 3' end /clone=IMAGE:1353225 /clone_end=3'	1	TTTCATATCTTGGCAGTGGATGCGG TAAGAGCCACAGAGAAACCACTG
7881	db mining	Hs.122824	AA765319	2816557	oa01f11.s1 cDNA, 3' end /clone=IMAGE:1303725 /clone_end=3'	1	AGGACCCCTTTCCCATATTTCTGCTC ATATACAGGATATCCAGACACTG
7882	db mining	Hs.124317	AA827178	2901175	ob53g04.s1 cDNA, 3' end /clone=IMAGE:1335126 /clone_end=3'	1	ACCAGCGCTAGAATTTAGGTCTTAGG TGTAACATATTGGCCTATCAGATG
7883	db mining	Hs.300373	AW297820	6704445	UI-H-BW0-aly-h-04-0-ULs1 cDNA, 3' end /clone=IMAGE:2731230 /clone_end=3'	1	GTGCATTTTAGCAACAGACTTCCAGG TTTCCAGCGCGGCGCAGAGAGGGG
7884	db mining	Hs.320464	BF513050	11598229	UI-H-BW1-amm-a-03-0-ULs1 cDNA, 3' end /clone=IMAGE:3070349 /clone_end=3'	1	CTGTCTATGCACCACTCATCCCTCTC TTCAAGGCCAGGAGCAGTCCCTAG
7885	db mining	Hs.313366	AW297537	6704173	UI-H-BW0-aja-f-05-0-ULs1 cDNA, 3' end /clone=IMAGE:2731160 /clone_end=3'	1	AGAGGAGAGGGGGTAGAATGAATT TCATTTAAAGCTCAACCTAGTTCAG
7886	db mining	Hs.320427	BF512848	11597827	UI-H-BW1-amg-d-10-0-ULs1 cDNA, 3' end /clone=IMAGE:3069762 /clone_end=3'	1	CAGTCTCCAGCTTTCTGGCCCTCCT CTGCACACTGGATGCAAGAGCTAG
7887	db mining	Hs.252840	AW015143	5863980	UI-H-B10p-abb-e-07-0-ULs1 cDNA, 3' end /clone=IMAGE:2711149 /clone_end=3'	1	TGGAGAGAAAGGTTCCGGAGAGACAG GGGCTGGGAGGTTTGGAAAGACAG
7888	db mining	Hs.313161	AW292801	6699437	UI-H-BW0-ajl-f-11-0-ULs1 cDNA, 3' end /clone=IMAGE:2729613 /clone_end=3'	1	CTGAAATGGGGGAAAGGTGGGTTATG ACAAAGTTCATGGAGAGGCTGAGAG
7889	db mining	Hs.309124	AI380478	4190331	tf95a09.x1 cDNA, 3' end /clone=IMAGE:2107000 /clone_end=3'	1	TAAAGCGGTACGGGATTCGCGACCC TACTCCAGCAAGAAAGAGCCTGAA
7890	db mining	Hs.120562	AA741096	2779688	ny99g07.s1 cDNA, 3' end /clone=IMAGE:1286460 /clone_end=3'	1	CAGCTTCATCTCCCAACACACTCC ACGGTTTAGGCTCTTCACTCTG
7891	db mining	Hs.105530	AA521450	2261993	aa69d1.s1 cDNA, 3' end /clone=IMAGE:826197 /clone_end=3'	1	GGTGTGAATATTATTACGGATTGGC ATCATAAAGATCCCGCATACCTCG
7892	db mining	Hs.123194	AA805997	2874747	oc18g05.s1 cDNA, 3' end /clone=IMAGE:1341272 /clone_end=3'	1	ACCTTAGTCTAACTGCTCTCTGTAAA GTGGGTTGCTATAGTCTTAAAGCC
7893	db mining	Hs.122833	AA765597	2816835	oa08e10.s1 cDNA, 3' end /clone=IMAGE:1304346 /clone_end=3'	1	TGAGGTTTGGATGTTGGCAGGTAAAA CAGAAAGGCAGATGTGATCTGAC
7894	db mining	Hs.313827	AW452984	6993760	UI-H-BW1-amd-g-11-0-ULs1 cDNA, 3' end /clone=IMAGE:3069525 /clone_end=3'	1	TGGAGCTGCTACATATTTATTTACGG TCTCAAAGCTTCAAGAAAGTGGAC
7895	db mining	Hs.122383	AA789140	2849260	aa66g10.s1 cDNA, 3' end /clone=IMAGE:825954 /clone_end=3'	1	AGACGGAACCTGAGATGTTGGATGTT GTTGATCTTAGCAACAGACATTTA
7896	db mining	Hs.120226	AA731687	2752576	nv58f05.s1 cDNA, 3' end /clone=IMAGE:1250817 /clone_end=3'	1	AGATCTGTAACTCTTGGCAAATGGAA CTACCTGCACGATACCTACTCTTA
7897	db mining	Hs.120288	AA731998	2753949	nv61b04.s1 cDNA, 3' end /clone=IMAGE:1251055 /clone_end=3'	1	GAGGACTCTCATTCCTCATTTCCCGC ATACCTGCTGTTCTGCTGAATTA
7898	db mining	Hs.123168	AA804519	2873650	ns28a11.s1 cDNA, 3' end /clone=IMAGE:1184924 /clone_end=3'	1	AGCTCAACACTGTTCTCTCATGTGGTC AGTTCCTTCTATTGACATTTTGA
7899	db mining	Hs.124369	AA830835	2903934	oc54b06.s1 cDNA, 3' end /clone=IMAGE:1353491 /clone_end=3'	1	AGCTGCTGCTCTCTTCTTCAAGTGGAA ATGCAAACTGTTTATAATCTTTGA

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7900	db mining	Hs.122482	AA767335	2818350	n25h02.s1 cDNA, 3' end /clone=IMAGE:1300371 /clone_end=3'	1	TCAATATCTGTGTCTCTTTTCATGAGT GGCTGTACTCTGTGAAGAATTGA
7901	db mining	Hs.313287	AW296059	6702695	UIH-BW0-alu-g-03-U1.s1 cDNA, 3' end /clone=IMAGE:2730798 /clone_end=3'	1	TGAGTGGAGCTGAGGAATGAATAGAAA ACGTGAGATATGTAGAAAAGCTGA
7902	db mining	Hs.120705	AA748015	2787973	n287c05.s1 cDNA, 3' end /clone=IMAGE:1289224 /clone_end=3'	1	ACCAGCCCCCTGGGAATGTTATGAGCA AATGATACCTCCATGAGTAAATGA
7903	db mining	Hs.320495	BF513385	11598564	UIH-BW1-amk-f10-0-U1.s1 cDNA, 3' end /clone=IMAGE:3070242 /clone_end=3'	1	TCGTGTAGTGCTGAGAGACATGTTCA TTGTGAAAAGATCTCCTGATGGGA
7904	db mining	Hs.121104	AA721020	2737155	n289f11.s1 cDNA, 3' end /clone=IMAGE:1269453 /clone_end=3'	1	TTTGTCAATGGCTGTTTACCACATCTG TGGAGTCAATTATGATGATCAGGA
7905	db mining	Hs.124297	AA827809	2900172	cd08c04.s1 cDNA, 3' end /clone=IMAGE:1367334 /clone_end=3'	1	ACACCTTTTCTCTAAGGAGAGCTTTCT TAGGCATTTCAGGAAGCTTCGA
7906	db mining	Hs.320372	BF512096	11597308	UIH-BW1-amk-f10-0-U1.s1 cDNA, 3' end /clone=IMAGE:3070218 /clone_end=3'	1	ACCAATAGTACCTACCTGTTTGAACA CAGGGTGGCGCATCCAGTGTTCGA
7907	HUVEC cDNA	Hs.92381	AB007956	3413930	mRNA, chromosome 1 specific transcript KIAA0487 /cds=UNKNOWN	1	ACCTGACTTCCACGATAAAATGGAGA TGAGTGGAGGGGTGAGTGTGAT
7908	HUVEC cDNA	Hs.24950	AB008109	2554613	regulator of G-protein signalling 5 (RGS5), mRNA /cds=(81,823)	1	TGCAGATTATATCTCGACGTGTCT CATTCACAGCTAAATATAGGCCA
7909	HUVEC cDNA	Hs.306193	AB011087	3043553	hypothetical protein (LQFS-1), mRNA /cds=(0,743)	1	ACCCCTCGCCCTTCCCTCCGGTTCAG TACCTATTGTCTTCCTTTCAAT
7910	HUVEC cDNA	Hs.154919	AB014525	3327063	mRNA for KIAA0625 protein, partial cds /cds=(0,2377)	1	AAGAGGAAATGGCAGAAATAAAGCA GAAACAGAGAAGATGGACATGGATT
7911	HUVEC cDNA	Hs.153026	AB014540	3327093	mRNA for KIAA0640 protein, partial cds /cds=(0,1812)	1	AAGAGTGTTTGAGTGCTGTCTCATG GTGTTTTCTTAAATAGTAGGGAT
7912	HUVEC cDNA	Hs.24439	AB014546	3327105	ring finger protein (CSHC4 type) 8 (RNF8), mRNA /cds=(112,1569)	1	CTGCTGTCCACTTTCCTTCAGGCTCT GTGCAATCTTCAACCTGCTGTGAT
7913	HUVEC cDNA	Hs.155829	AB014576	3327165	mRNA for KIAA0676 protein, partial cds /cds=(0,3789)	1	TTCTTGGAATCTTCACTTCCCTGGCTA GAAATACACCTGTGCTCAATGCCCT
7914	HUVEC cDNA	Hs.93675	AB022718	4204189	decidual protein induced by progesterone (DEPP), mRNA /cds=(218,856)	1	AGGTCCTGTCACCTGCTTCTCTGTG AGCTGTCACTGATGAGTTATCTCT
7915	HUVEC cDNA	Hs.104305	AB023143	4589483	death effector filament-forming Ced-4 like apoptosis protein (DEFCAP), transcript variant B, mRNA /cds=(522,4811)	1	GAATAGGAGGGGACATGGAACCATTTG CCTCTGGTGTGATCAGGGGTGAT
7916	HUVEC cDNA	Hs.103329	AB023187	41133226	KIAA0970 protein (KIAA0970), mRNA /cds=(334,2667)	1	CCTGTTTAAAGAAAGTGAATGTTATG GTCTCCCTCTTCCATAGGACGTTA
7917	HUVEC cDNA	Hs.155182	AB028959	5689408	KIAA1036 protein (KIAA1036), mRNA /cds=(385,1482)	1	TTTCACTTTCACACTTCATCTCATCTC TGTTGTCACTTCCCGCAACGCA
7918	HUVEC cDNA	Hs.129218	AB028997	5689484	DNA sequence from clone RP11- 145E9 on chromosome 10. Contains the gene KIAA1074, the 3' end of the YME1L1 gene for YME1 (S.cerevisiae)- like 1, ESTs, STSs, GSSs and a CpG island /cds=(166,5296)	1	TCTGGATCAATAGTCTCCCTCTAGG GTCTACTGATGACGAAATCTAAA
7919	HUVEC cDNA	Hs.8363	AB032255	6683499	bromodomain adjacent to zinc finger domain, 2B (BAZ2B), mRNA /cds=(366,6284)	1	TTTATCTACTGTGTGTGTGGTGCC TGTTGAGGCGAAATAGATCAGATT
7920	HUVEC cDNA	Hs.15165	AB037755	7243048	novel retinal pigment epithelial gene (NORPEG), mRNA /cds=(111,3053)	1	GACATTTTTGTAGGATGCTCGACGAG GTGTAGCGCTTTATCTTGTTCGG
7921	HUVEC cDNA	Hs.82113	AB049113	10257384	dUTP pyrophosphatase (DUT), mRNA /cds=(29,523)	1	CCGAGTTTGTGGAGGACAGGGGAAG AGTGTTCTTTCTGGTGATTTCCCA
7922	HUVEC cDNA	Hs.8180	AF000852	2795852	syndecan binding protein (syntenin) (SDCBP), mRNA /cds=(146,1044)	1	TGTTCTCTTCTTGACTCTCTCTTC AACCAAAATAGTAGTTACACCTT
7923	HUVEC cDNA	Hs.147916	AF000982	2580549	DEADH (Asp-Glu-Ala-Asp/His) box polypeptide 3 (DDX3), transcript variant 2, mRNA /cds=(856,2844)	1	GTGACTGTGATCTACGACATGACAT TTGAGCAAGTTTATCAGCAACGCA
7924	HUVEC cDNA	Hs.75056	AF002163	2290769	adaptor-related protein complex 3, delta 1 subunit (AP3D1), mRNA /cds=(209,3547)	1	TTGCTATCGACATTTCCGCTATAAAGA GAGAGACATATCACGCTGCTGTCA
7925	HUVEC cDNA	Hs.42915	AF006082	2282029	ARP2 (actin-related protein 2, yeast) homolog (ACTR2), mRNA	1	CCTGCCAGTGTCAGAAAATCCTATTT ATGAATCTCTGCGTATTCCTGTG
7926	HUVEC cDNA	Hs.11538	AF006084	2282033	actin related protein 2/3 complex, subunit 1A (41 kD) (ARPC1B), mRNA /cds=(80,1198)	1	AGGAGGGGACAGATGGGAGCCTT TCTTACCTATTACAGGAATACGTGC
7927	HUVEC cDNA	Hs.6895	AF006086	2282037	actin related protein 2/3 complex, subunit 3 (21 kD) (ARPC3), mRNA /cds=(25,561)	1	TCAAGAAATTTGGGTGGGAGAAAGAA AGTGGGTATATCAAGGGTATTGA
7928	HUVEC cDNA	Hs.286027	AF010313	5468781	etoposide-induced mRNA (PIG8), mRNA /cds=(72,1151)	1	TGTGATTAGGTTGTTTCTGTCACTT TTGAGAGACTAAATTTGGTGGGG

Table 8

7929	HUVEC cDNA	Hs.79150	AF026281	2559007	chaperonin containing TCP1, subunit 4 (delta) (CCT4), mRNA /cids=(0,1619)	1	TGGCGTCTGGTCTCCAGTTGGCAATTT GCCTGAAGTGTGTTATGGAACAAT
7930	HUVEC cDNA	Hs.81452	AF030555	3158350	fatty acid-Coenzyme A ligase, long-chain 4 (FACL4), transcript variant 2, mRNA /cids=(506,2641)	1	AACAGATGAGACAGCAATAAGATTG TGTGTGTTTTGGATTTGGAGAGA
7931	HUVEC cDNA	Hs.139851	AF035752	2665791	caveolin 2 (CAV2), mRNA /cids=(20,508)	1	TGTAGCTCCGACAGGTAACATTCAT TGTGAAGATTGCACGTGTTCTGATT
7932	HUVEC cDNA	Hs.194709	AF037364	14030860	paraneoplastic antigen MA1 (PNMA1), mRNA /cids=(664,1725)	1	TCACCTCCCGCATTTCACTCTTTGTGA GAGAATAGTCTTGTCTCATCTG
7933	HUVEC cDNA	Hs.79516	AF039656	2773159	brain acid-soluble protein 1 (BASP1), mRNA /cids=(52,735)	1	TGGGAGTGCAACAGATTTCTCTCATCC TACTTAGCTACGATGATTCTCTCA
7934	HUVEC cDNA	Hs.29417	AF039942	4730928	HCF-binding transcription factor Zhongfei (ZF), mRNA /cids=(457,1275)	1	AATGGAGAAGTACTAGTATGGCTTATTT TTAAAGCTCTTGTGTAGTGTTCT
7935	HUVEC cDNA	Hs.26232	AF044414	6136293	mannosidase, alpha, class 2C, member 1 (MAN2C1), mRNA /cids=(66,3244)	1	CCCCAGCCTAAGAGGAGGATCACTG TTTTCTGTGGAATAAATCCITGGA
7936	HUVEC cDNA	Hs.3776	AF062072	3668065	zinc finger protein 216 (ZNF216), mRNA /cids=(288,928)	1	TGTGTGAATGCGCTGTTTCACTCTGTA AATAGTAAAGTGTACACGAGGC
7937	HUVEC cDNA	Hs.74034	AF070648	3283922	clone 24651 mRNA sequence /cids=UNKNOWN	1	AGATGCTTGTAGCTCCCATGCGAAATCA ATTACTGTGCTCAAAAGATTGCTGA
7938	HUVEC cDNA	Hs.274230	AF074331	5052074	PAPS synthetase-2 (PAPSS2) mRNA, complete cds /cids=(63,1807)	1	AAAGCTGCTCTTCTGCTAGTATACCA TGCTAGTGGCAATGATTATTCT
7939	HUVEC cDNA	Hs.12540	AF081281	3415122	lysophospholipase 1 (LYPLA1), mRNA /cids=(35,727)	1	AGCTATTAGGATCTTCAACATCCGTA ACAGGAATAATCTCTGTTGTTTAT
7940	HUVEC cDNA	Hs.159629	AF092131	5138911	myosin IXB (MYO9B), mRNA /cids=(0,6068)	1	TCTGTGGCTTATCCATGTTGAATGCT GGACAAATAAGAGGCTGCTGCCCA
7941	HUVEC cDNA	Hs.273385	AF105253	7532779	guanine nucleotide binding protein (G protein), alpha stimulating activity polypeptide 1 (GNAS1), mRNA /cids=(68,1252)	1	GCCACAAATGTTTCCCTCTCACTTTCA GTAAATAATAAAGACGACGACA
7942	HUVEC cDNA	Hs.2934	AF107045	5006419	ribonucleotide reductase M1 polypeptide (RRM1), mRNA /cids=(187,2565)	1	ACTGCTTTGACTGGTGGGTCTCTAGA AGCAAAATGCTGATTAACATCATG
7943	HUVEC cDNA	Hs.158237	AF112345	6650627	Integrin alpha 10 subunit (ITGA10) mRNA, complete cds /cids=(76,3579)	1	GGCAATGTGCTGTTTCCGAGTGGGG TGAACAGTATATCAGATGGTCAGA
7944	HUVEC cDNA	Hs.183698	AF116827	7658755	ribosomal protein L29 (RPL29), mRNA /cids=(29,508)	1	CCCTGGGCTACCTTGTGCTAGGGGG TGGGCTCCTCTGTGCTATTGTAC
7945	HUVEC cDNA	Hs.2188	AF119850	7770136	Homo sapiens, eukaryotic translation elongation factor 1 gamma, clone MGC:4501 IMAGE:2854623, mRNA, complete cds /cids=(278,3231)	1	TCAAGTGAACATCTCTGCCATCAACC TAGCTGCTGCACCTGGCCCTTAG
7946	HUVEC cDNA	Hs.22900	AF134891	7381111	nuclear factor (erythroid-derived 2)-like 3 (NFE2L3), mRNA /cids=(482,1694)	1	TCTTGGGACGCATCCTTTTTAAGAGT AAGTGTGTCTTCAAAAAGCAGA
7947	HUVEC cDNA	Hs.108258	AF141968	6273777	actin cross-linking factor (ACF7), transcript variant 1, mRNA /cids=(51,16343)	1	AGCTAAAGAGGGGAACCATCTACTAA GTAAACATTGCACATGATACAGCA
7948	HUVEC cDNA	Hs.11158	AF151072	7106865	hypothetical protein (LOC51255), mRNA /cids=(0,461)	1	GCTGATGTGCTGGCCCTCTGCGCTCTT CCTTATTAGCTGTGAATCTCATTA
7949	HUVEC cDNA	Hs.179573	AF193556	6907041	collagen, type I, alpha 2 (COL1A2), mRNA /cids=(139,4239)	1	TGAATGATCAGAACTGACATTTAATTC ATTGTTGTCTCGCCATGCTTCT
7950	HUVEC cDNA	Hs.41135	AF205940	8547214	endomucin-2 (LOC51705), mRNA /cids=(78,863)	1	TCCGGGCGCACAGATTTTATCCATGA AGAGCTTCTCACTTTTCTCGGGTGT
7951	HUVEC cDNA	Hs.142908	AF219119	7158848	E2F-like protein (LOC51270), mRNA /cids=(278,978)	1	GCAGAGTCTCACTTGTGCCCTTAACA GTTTTTCTGAGTTACTGAAGAA
7952	HUVEC cDNA	Hs.154721	AF261088	9802307	acetonilase 1, soluble (ACO1), mRNA /cids=(107,2776)	1	TTATCAAGACAGCAAGCTTTGTGGGA GGCGGTTTGGGAGAACACATTTCT
7953	HUVEC cDNA	Hs.76288	AF261089	9802309	calpain 2, (mII) large subunit (CAPN2), mRNA /cids=(142,2244)	1	GGGTATGCTGGCTCTGTAAATTCATG TATTTCAAGGAAAGACACCTG
7954	HUVEC cDNA	Hs.152707	AJ001259	2769253	glioblastoma amplified sequence (GBAS), mRNA /cids=(8,868)	1	TTGTCTGCCCAACATCAAGAATGTA TGTGAATCTTGTAATAAATCTCA
7955	HUVEC cDNA	Hs.5097	AJ002308	2959871	synaplogyrin 2 (SYNGR2), mRNA /cids=(29,703)	1	ATGCCCGGCTGGGATGCTGTTTGG AGACGGAATAAGTGTCTTATGCA
7956	HUVEC cDNA	Hs.143323	AJ243706	6572290	mRNA for RB-binding protein (rbp2h1a gene) /cids=(757,5802)	1	AGCAAGTTTGTGATATACAGAGAGTTT AAATGTACCCCTCCCTTTATGCA
7957	HUVEC cDNA	Hs.1197	NM_002157	4504522	Heat shock 10kD protein 1 (chaperonin 10)	1	TGATGCTGCCCATTCACCTGAAGTTC TGAATCTTTGCTGATGTAATAA
7958	HUVEC cDNA	Hs.79037	BC010112	14603308	Homo sapiens, heat shock 60kD protein 1 (chaperonin), clone MGC:19755 IMAGE:3630225, mRNA, complete cds /cids=(1705,3396)	1	AGCAAGCTTTCTGTGGAGAGTGAAGA TAATTGTGTACAAAGTAGAGAAGT
7959	HUVEC cDNA	Hs.279860	AJ400717	7573518	tumor protein, translationally-controlled 1 (TP1), mRNA /cids=(94,612)	1	CATCTGAGGTGTGAAGCCTTACCACAT TTCACTACCTACAACGGAAGTAGT

Table 8

7950	HUVEC cDNA	Hs.165563	AK024508	10440535	DNA sequence from clone RP4-591C20 on chromosome 20. Contains ESTs, STSs, GSSs and CpG islands. Contains a novel gene for a protein similar to NC28, the TP052.2 gene for two isoforms of tumor protein D52-like protein 2, a gene for a novel DnaJ domain protein similar to mouse and bovine cysteine string protein with two isoforms, a gene for a novel phosphoribulokinase with three isoforms, the KIAA1196 gene and the 5' part of the TOM gene for a putative mitochondrial outer membrane protein import receptor similar to yeast pre-mRNA splicing factors Prp1/Zer1 and Prp6 <i>lods</i> =(0,503)	1	GCCAGGCTGGTTCGCCATGGTGATC TCGCTCTGTATGTCTGAATGTTGG
7961	HUVEC cDNA	Hs.91146	AL050147	4884153	protein kinase D2 mRNA, complete cds <i>lods</i> =(39,2675)	1	CTATTTCCAAAGGCCCTCCCTGTTTC CCCAGCAATTAAACAGGACCTCATC
7962	HUVEC cDNA	Hs.66762	AL050367	4914600	mRNA; cDNA DKFZp564A026 (from clone DKFZp564A026) <i>lods</i> =UNKNOWN	1	AAAGTGCAGCAATGACTCTTCTGTGC ATTCTTCTTAAAGAGCTGCTTGGT
7963	HUVEC cDNA	Hs.165998	AL080119	5262550	PAI-1 mRNA-binding protein (PAI-RBP1), mRNA <i>lods</i> =(95,1248)	1	TGTGTGGTAGGCACATCGTGTCAAGT GACAGTATTATAGATAGTGGT
7964	HUVEC cDNA	Hs.111801	AL096723	5419856	mRNA; cDNA DKFZp564H2023 (from clone DKFZp564H2023) <i>lods</i> =UNKNOWN	1	AGTCCGTATCATCATCTGTGTACTA CCTTGTCCATGAAGCTCTGAGA
7965	HUVEC cDNA	Hs.89434	AL110225	5817161	drebrin 1 (DBN1), mRNA <i>lods</i> =(97,2046)	1	TGGCGCCCTCCCTACCCACAGGGC CTGACTTTTACAGCTTTTCTCTTT
7966	HUVEC cDNA	Hs.7527	AL110239	5817182	small fragment nuclease (DKFZp566E14), mRNA <i>lods</i> =(77,790)	1	TATGACACAGCAGCTCTTTGTAAGT ACGAGTTCATGTCATCCCTTGGT
7967	HUVEC cDNA	Hs.167991	AL110269	5817043	DKFZp564A122 protein (DKFZp564A122), mRNA <i>lods</i> =(2570,2908)	1	TGTGTGAGTGCACCAAGAGCAATAC AGCATATCTGCTTTGCCCTCTGT
7968	HUVEC cDNA	Hs.25882	AL117665	5912282	mRNA; cDNA DKFZp596M1824 (from clone DKFZp596M1824); partial cds <i>lods</i> =(0,3671)	1	TGCATATGACGCTTTGATTATTTGG ACTCTGACTATTGGGACCTAAAT
7969	HUVEC cDNA	Hs.17428	AL133010	6453416	RBPI-like protein (BCAA), transcript variant 2, mRNA <i>lods</i> =(466,4143)	1	TGGACGCCCTAAGAAACAGAGAAAAAC AGAAATTAACACAGGAAGCTGCTT
7970	HUVEC cDNA	Hs.278242	AL137300	6807762	Homo sapiens, clone MGC:3214 IMAGE:3502620, mRNA, complete cds <i>lods</i> =(2086,3421)	1	CAATAGCTTGTGGGTCTGTGAAGACT GGGGTGTTTGAGTTTCTGCACACCC
7971	HUVEC cDNA	Hs.7378	AL137683	6807784	mRNA; cDNA DKFZp434G227 (from clone DKFZp434G227) <i>lods</i> =UNKNOWN	1	TGCAGTGTACTCTCTCTATGAGATTG TAAAGTGTGTCTAATCCAATTGCA
7972	HUVEC cDNA	Hs.61289	AL157424	7018453	mRNA; cDNA DKFZp761E1512 (from clone DKFZp761E1512) <i>lods</i> =UNKNOWN	1	TGAAGTCATTTCATGGGAAGGAAAG CTGCAAGATTATTGGGGAGCTAG
7973	HUVEC cDNA	Hs.240013	AL390148	9368882	mRNA; cDNA DKFZp547A166 (from clone DKFZp547A166) <i>lods</i> =UNKNOWN	1	TTTCATCTGGCCACCCTCTTAGAC TCTGCTCCCTTCAAGAGTTGGAGC
7974	HUVEC cDNA	Hs.22829	AW887820	8049833	602281231F1 cDNA, 5' end <i>lods</i> =IMAGE:4368943 <i>lods_end</i> =5'	1	GTGTAGAATCTGCTCAGTCACTCTC ACAGAACTTCCACTAGGTTGCCA
7975	HUVEC cDNA	Hs.333414	BE562633	9806553	hypothetical protein MGC14151 (MGC14151), mRNA <i>lods</i> =(108,485)	1	CGGACCCCAAGTTTCTGTACCAAGGG GGAACATCGCGGGAACCCATAGT
7976	HUVEC cDNA	NA	BE612847	9894444	601452239F1 NIH_MGC_86 cDNA clone IMAGE:3856304 5', mRNA sequence	1	TAAAGATGTCCGGGTACACTTCGCA AGGGTTAGGCTCTTTGGGATTTC
7977	HUVEC cDNA	Hs.86412	BE876332	10325018	chromosome 9 open reading frame 5 (C9orf5), mRNA <i>lods</i> =(32,2767)	1	AACACACACATAAAGCGAACACACA CGTACTACACACCCACAGCCCAAC
7978	HUVEC cDNA	Hs.285814	BE906869	10400012	sprouty (Drosophila) homolog 4 (SPRY4), mRNA <i>lods</i> =(205,525)	1	CCCTTGGTCTGTGTTTGTACCCAGCA TTTTTGCCGCCCTCTGTTACTGTG
7979	HUVEC cDNA	Hs.113029	BF025727	10733439	ribosomal protein S25 (RPS25), mRNA <i>lods</i> =(63,440)	1	GATATACGAAACACAGCCAGTGAGCA TGCAGAAACAGAGACACATAAAGC
7980	HUVEC cDNA	Hs.263339	BF107006	10889631	602377929F1 cDNA, 5' end <i>lods</i> =IMAGE:4508846 <i>lods_end</i> =5'	1	TGGACAGGCTGAAGAGGTTACAAATG GAGAAACATCAACAGCTTATGT
7981	HUVEC cDNA	Hs.182426	BF204683	11098289	601867521F1 cDNA, 5' end <i>lods</i> =IMAGE:4110052 <i>lods_end</i> =5'	1	GCAGGAGAGCGAGAGAGGAGAGAA GAGGCAGGAGGGAGAAAGAGCGTAC
7982	HUVEC cDNA	Hs.75968	BF217687	11111273	thymosin, beta 4, X chromosome (TMSB4X), mRNA <i>lods</i> =(77,211)	1	CAAGAGACGAGAGACGACCAAGAG ACAGAGAGACGAGAGAGAGCAACAA
7983	HUVEC cDNA	Hs.112318	BF237710	11151628	cDNA FLJ14633 fls, clone NT2RFP2009938 <i>lods</i> =UNKNOWN	1	AGAGGAAAGATATAGGACAGTGCAG AGGTATAGGGAGGGAGGCATACATA
7984	HUVEC cDNA	Hs.293981	BF247088	1162147	Homo sapiens, clone MGC:16393 IMAGE:3939021, mRNA, complete cds <i>lods</i> =(506,1900)	1	TCGGATTAAGGGCGATTGTCTCGTTA GGTAATACATCATCTCGTGTCATA

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7985	HUVEC cDNA	Hs.157850	BF303931	11250608	Homo sapiens, clone MGC:15545 IMAGE:3050745, mRNA, complete cds /cds=(1045,1623)	1	AGACAAGACGAGCAACGACAACCCAC AGCAGCTCCATACACTCTGCTCCTCT
7986	HUVEC cDNA	Hs.217493	D00017	219909	annexin A2 (ANXA2), mRNA /cds=(49,1088)	1	AGTGAAGTCTATAGTGTGAACACCTT TGCTCTCTGTGATCTGTGCTATAA
7987	HUVEC cDNA	Hs.76549	D00099	219941	mRNA for Na,K-ATPase alpha-subunit, complete cds /cds=(318,3389)	1	TCACAAGACAGCATCTACGAACACGTA AATATCCGCTGCTCCAGTTCGATCA
7988	HUVEC cDNA	Hs.330716	D10522	219893	cDNA FLJ14368 fls, clone HEMBA1001122 /cds=UNKNOWN	1	AAACTCTGCTTAAAGGTGTTCTAATTT TCTGTGAGACGCTATAAAGCGAA
7989	HUVEC cDNA	Hs.75829	D21255	575578	mRNA for OB-cadherin-2, complete cds /cds=(478,2657)	1	CGTGCCAGATATAACTGTCTTGTTTC AGTGAAGAGAGCGCCCTATTCTATG
7990	HUVEC cDNA	Hs.178710	D21260	434760	clathrin, heavy polypeptide (Hc) (CLTC), mRNA /cds=(172,5199)	1	TCCCTGAGGGCTGTGTATGTGGGATA CTGTGTGCTTTGATATCAAGT
7991	HUVEC cDNA	Hs.334822	D23660	432358	Homo sapiens, Similar to ribosomal protein L4, clone MGC:2968 IMAGE:3138605, mRNA, complete cds /cds=(1616,2617)	1	CAGAGAAGAACCTGATACAGAGGA GAAGAAGCCTGCTGCATAAAGCTCTT
7992	HUVEC cDNA	Hs.262823	D28500	7678803	hypothetical protein FLJ10326 (FLJ10326), mRNA /cds=(2,2296)	1	TCAGAACATAGATATGTATTGAGCTT GTCTTCAATACGCCCAAGCAGAA
7993	HUVEC cDNA	Hs.151761	D43947	603948	KIAA0100 gene product (KIAA0100), mRNA /cds=(329,6807)	1	TTGGGGTCAAGTGAAGGAGTAGGGG GATAGTCTGATCAAGTGTGATAAA
7994	HUVEC cDNA	Hs.899	D50525	1167502	peptidylprolyl isomerase B (cyclophilin B) (PPIB), mRNA /cds=(21,671)	1	CAGCAATTCATCTTGAACTGTGGAGG AGAAGCTCTTACTTACTGAGGTGC
7995	HUVEC cDNA	Hs.278607	D50911	6633996	mRNA; cDNA DKFZP434N0735 (from clone DKFZP434N0735); partial cds /cds=(0,1577)	1	CCTTCTCTCATGTGTGTAATCTGTGA ATATACCAATCTCTGTGGCTGT
7996	HUVEC cDNA	Hs.57729	D50822	1469186	Kelch-like ECH-associated protein 1 (KIAA0132), mRNA /cds=(112,1985)	1	GGATGGCACTTCCCCACCGGATGGA CAGTTATTTTGATGAAGTAACCC
7997	HUVEC cDNA	Hs.240770	D59253	1050898	Homo sapiens, nuclear cap binding protein subunit 2, 20kD, clone MGC:4991 IMAGE:3458927, mRNA, complete cds /cds=(28,456)	1	TGAGTCAGTGTCTTACTGAGCTGGA AGCCTCTGAAAGTTTATAAAGCA
7998	HUVEC cDNA	Hs.155595	D63878	961447	neural precursor cell expressed, developmentally down-regulated 5 (NEDD5), mRNA /cds=(258,1343)	1	CCCAACATGCTACACTTCTGATCCCC TTGTGTTTACTACCAACATCTAA
7999	HUVEC cDNA	Hs.80712	D89957	1503987	septin 2 (SEP2) mRNA, partial cds /cds=(0,1527)	1	GTGGCTTGTGACTGTCTTACGTTAAC ATCTTCTTCAAAATGTTCTCAGC
8000	HUVEC cDNA	Hs.75822	D89970	1504013	mRNA for KIAA0216 gene, complete cds /cds=(484,3229)	1	TTGTACTACGCTGGGCTGTGCTCTCC CTCTTTACCGAGTATGAGGAATA
8001	HUVEC cDNA	Hs.170311	D89678	3218539	helenethenous nuclear ribonucleoprotein D-like (HNRPD), transcript variant 1, mRNA /cds=(580,1842)	1	TTTATGATGATGGTGAATGAACAT TGAGATTGTCTTTTCCCTGATC
8002	HUVEC cDNA	Hs.83213	J02874	178346	fatty acid binding protein 4, adipocyte (FABP4), mRNA /cds=(47,445)	1	TTGTGTTTTCCTGATTTAGCAAGCA AGTAAATTTTCCCAAGCTGAT
8003	HUVEC cDNA	Hs.177766	J03473	337423	ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymerase) (ADPRT), mRNA /cds=(159,3203)	1	TTAGAAAACAAAGAGGCTTTCCTTCT CCAGGAATCTGAAACATGGAGCT
8004	HUVEC cDNA	Hs.155560	L10284	186522	calnein (CANX), mRNA /cds=(96,1867)	1	CCATTGTTGTCAATGCCAGGTGTC ATCAGATGTGCTCCCATTTTCT
8005	HUVEC cDNA	Hs.75893	L13977	431320	prolylcarboxypeptidase (angiotensinase C) (PRCP), mRNA /cds=(29,1519)	1	GATGCTGTGGGCCCAATCCAGGAA GTGAGAGCCATTCTTTTGTACTGG
8006	HUVEC cDNA	Hs.539	L13610	1220360	ribosomal protein S29 (RPS29), mRNA /cds=(30,200)	1	AGTTGGACTAAATGCTTCTCCTTCAG AGGATTATCCGGGGCATCTACTCA
8007	HUVEC cDNA	Hs.1742	L33075	536843	IQ motif containing GTPase activating protein 1 (IQGAP1), mRNA /cds=(467,5440)	1	TGAATTTACTCTTCCCAAGAGTTTG GACTGCCGTCAGATTGTTTCTGCT
8008	HUVEC cDNA	Hs.180446	L38951	893287	importin beta subunit mRNA, complete cds /cds=(337,2967)	1	AAACACATACACACAAACAGCAAACT TTAGCACTAAGTATTGGAATGCA
8009	HUVEC cDNA	Hs.79572	M11233	181179	cathepsin D (lysosomal aspartyl protease) (CTSD), mRNA /cds=(2,1240)	1	CTGAGGATGAGCTGGAAGAGGTGAG AGGGGACAAACCCACCTTTGTGGA
8010	HUVEC cDNA	Hs.273415	M11560	178350	aldolase A, fructose-bisphosphate (ALDOA), mRNA /cds=(167,1261)	1	TCCTTCTTCCCTCGTGACAGTGGTGT GTGGTGTGCTGTGTGAATGCTAAG
8011	HUVEC cDNA	Hs.254105	M14328	182113	enolase 1, (alpha) (ENO1), mRNA /cds=(84,1398)	1	GCTGATTCCTCGGGGTGTTTGTGCTC AAAATTAAGCTGTGTGACCCA
8012	HUVEC cDNA	Hs.237519	M20867	183059	y25c09.31 cDNA, 3' end /cds=IMAGE:285046 /clone_end=3' alany (membrane) aminopeptidase (aminopeptidase N, aminopeptidase M, microsomal aminopeptidase, CD13, p150) (ANPEP), mRNA /cds=(120,3023)	1	GATGCTTAAGCTGATGATTAAGG AGTTATTAAAGTCTACGTTTTC
8013	HUVEC cDNA	Hs.1239	M22324	178535	aminopeptidase N, aminopeptidase M, microsomal aminopeptidase, CD13, p150) (ANPEP), mRNA /cds=(120,3023)	1	CGGCCCTGACCTCTTTCACTCTTC CCTAAGACCTCAATCTGAGGAA
8014	HUVEC cDNA	Hs.118128	M22960	190282	protective protein for beta-galactosidase (galactosialidosis) (PPGIB), mRNA /cds=(8,1448)	1	GGACAGCCCAAGGAGGTTGGTGGG CGGACTGTAAATGATAGATTGATTA
8015	HUVEC cDNA	Hs.198281	M26252	338626	pyruvate kinase, muscle (PKM2), mRNA /cds=(108,1704)	1	ATTGAAGAGCACTGCGGCTCGGCC CTTACTGCTCTCTAGCTCTCTAG

Table 8

8016	HUVEC cDNA	Hs.2050	M31166	339991	pentoxin-related gene, rapidly induced by IL-1 beta (PTX3), mRNA <i>l</i> cds=(67,1212)	1	ACTAGACTTTATGCCATGGTGCCTTC AGTTTAACTGCTGTGCTCTGTCAG
8017	HUVEC cDNA	Hs.99853	M59849	182591	fibrinogen (FBL), mRNA <i>l</i> cds=(59,1024)	1	GACGCATTTGAAAGAGACCATGCGCT GCTGCTGCAAGTGTACAGGAC
8018	HUVEC cDNA	Hs.283473	M64098	183891	hypothetical protein PRO2900 (PRO2900), mRNA <i>l</i> cds=(271,501)	1	ATAACAGACTCCAGCTCTCTGGTCAC CGCGCATGTGACAGCACTCTGGC
8019	HUVEC cDNA	Hs.211573	M85289	184426	heparan sulfate proteoglycan 2 (perlecan) (HSPG2), mRNA <i>l</i> cds=(40,13221)	1	CTGGCCTCTGTGCTGATGAGGAGAC CTCTCTGTGGTCTTTGTCTGATTT
8020	HUVEC cDNA	Hs.75103	M86400	189952	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide (YWHAZ), mRNA <i>l</i> cds=(84,821)	1	CCCAAGCTCACTTACAAAATATTTT CTCAGTACTTTGGAGAAACAC
8021	HUVEC cDNA	Hs.59271	M96962	338262	U2(RNU2) small nuclear RNA auxiliary factor 1 (non-standard symbol) (U2AF1), mRNA <i>l</i> cds=(38,760)	1	ATGTCTGCTGAGAAAGTGTGTGATTTG ATTGACCAACACAGTTCATTAAGGG
8022	HUVEC cDNA	Hs.110802	NM_000552	9257255	von Willebrand factor (VWF), mRNA <i>l</i> cds=(310,8751)	1	CTCTGCATGTCTGCTCTTGTGCCCT TCTGAGCCCCACAATAAAGCTGAG
8023	HUVEC cDNA	Hs.274466	NM_001403	4503472	eukaryotic translation elongation factor 1 alpha 1-like 14 (EEF1A1L14), mRNA <i>l</i> cds=(820,1816)	1	TGCATGCTGAACAACTTTCAGAAAGAA AGGAGAATGTTTGTGACACGTT
8024	HUVEC cDNA	Hs.279518	NM_001642	4502148	amyloid beta (A4) precursor-like protein 2 (APLP2), mRNA <i>l</i> cds=(72,2363)	1	AGCCCTATTACATGCTCTACCCACTA TGCACAGATTAACTTCACTACATA
8025	HUVEC cDNA	Hs.76224	NM_004105	9605261	EGF-containing fibulin-like extracellular matrix protein 1 (EFEMP1), transcript variant 1, mRNA <i>l</i> cds=(149,1630)	1	AGTGACAGTGAACCTTAAGGAAATATC CTCTCAACCCATCTATGGAATA
8026	HUVEC cDNA	Hs.19545	NM_012193	6912383	frizzled (Drosophila) homolog 4 (FZD4), mRNA <i>l</i> cds=(308,1919)	1	ACACATGCCCTGAATGAATGCTAAA TTTCAAGGAAATGAGCACTGCTCT
8027	HUVEC cDNA	Hs.87125	NM_014600	7657055	EH-domain containing 3 (EHD3), mRNA <i>l</i> cds=(285,1882)	1	GCCACTGAACCAATCACTTTATATGC TATGCTCTCACTGTGATGGAAGAAC
8028	HUVEC cDNA	Hs.119503	NM_016091	7705432	HSPC025 (HSPC025), mRNA <i>l</i> cds=(33,1727)	1	AGGACCAAGATGTTTCAAGTGGATCT CAGTAAAGATTTTGGAGGACAGA
8029	HUVEC cDNA	Hs.7905	NM_016224	7706705	SH3 and PX domain-containing protein SH3PX1 (SH3PX1), mRNA <i>l</i> cds=(43,1830)	1	TTCAATGGAATTAAGGGGGTTTCTCC CCACTGATATTAATCAAGATGCA
8030	HUVEC cDNA	Hs.283722	NM_020151	9910251	GTT1 protein (GTT1), mRNA <i>l</i> cds=(553,1440)	1	GCTCCATGTCTGACCTTAGGGCAATT TGATTTCTGACATTTGGGCTGTCTCT
8031	HUVEC cDNA	Hs.286233	NM_020414	14251213	serpin autotransgenic protein 17 (SPAT17), mRNA <i>l</i> cds=(1210,1665)	1	GCGAGCACTTAATTTTCTGATATGC AGTTTCTTATAGGCTCTTTGTGTGT
8032	HUVEC cDNA	Hs.272822	S56985	298485	RuvB (E. coli homolog)-like 1 (RUVBL1), mRNA <i>l</i> cds=(76,1446)	1	ACCTCCCACTTTGTGTGATCATACATG GCTGCTGATTACATAGATCATGAC
8033	HUVEC cDNA	Hs.279518	S60099	300166	amyloid beta (A4) precursor-like protein 2 (APLP2), mRNA <i>l</i> cds=(72,2363)	1	AGCCCTATTACATGCTCTACCCACTA TGCACAGATTAACTTCACTACATA
8034	HUVEC cDNA	Hs.194662	S80562	1245966	calponin 3, acidic (CNN3), mRNA <i>l</i> cds=(83,1072)	1	ACATGGAAAGACTAACTCATGCTTAT TGCTAAATGTGGTGCTTGGCAACT
8035	HUVEC cDNA	Hs.76969	U08021	494988	nicotinamide N-methyltransferase (NNMT), mRNA <i>l</i> cds=(117,811)	1	AGACCCCTGTGATGCTGTGACCTCA TTAAAGCAATTCCTTTGACCTGT
8036	HUVEC cDNA	Hs.89657	U13991	562079	TATA box binding protein (TBP)-associated factor, RNA polymerase II, H, 30kD (TAF2H), mRNA <i>l</i> cds=(17,673)	1	CGCACTGTCACTCACTGAGCAACCCAA CTGTAATAGTACTTCTGCTGCCA
8037	HUVEC cDNA	Hs.1516	U20982	895253	insulin-like growth factor binding protein-4 (IGFBP4) gene, promoter and complete	1	CTGTAGACTCAGTGCCAGCCACAGCT TCAGAGATTGTGCTCAGCTGGTAT
8038	HUVEC cDNA	Hs.183648	U22816	930342	protein tyrosine phosphatase, receptor type, I polypeptide (PTPRP), interacting protein (Eprn), alpha 1 (PPFIA1), mRNA <i>l</i> cds=(229,3837)	1	TGACAAAGGATTTTACGTTATAAAAT TATGACAGAAGCCATGTGCCCCG
8039	HUVEC cDNA	Hs.83383	U25182	799380	thioredoxin peroxidase (antioxidant enzyme) (AOE372), mRNA <i>l</i> cds=(43,858)	1	GTCCTGCCCTGCTGGCTGGAAACCTG GTAGTGAACAATATCCAGATGCC
8040	HUVEC cDNA	Hs.75888	U30255	984324	phosphogluconate dehydrogenase (PGD), mRNA <i>l</i> cds=(8,1457)	1	CTCGTACATACATGCCTGATGGGCTC CTGTGACCCCTGCAAGCTCTCCAGAC
8041	HUVEC cDNA	Hs.169476	U34995	1497857	Homo sapiens, glyceraldehyde-3-phosphate dehydrogenase, clone MGC:10926 BAC:3628128, mRNA, complete cds <i>l</i> cds=(2306,3313)	1	CTAGGAGCCCGACCTTATCATGTATC CATCAATAAGTACCTCTGTGCTCA
8042	HUVEC cDNA	Hs.192023	U39067	1718194	eukaryotic translation initiation factor 3, subunit 2 (beta, 36kD) (EIF3S2), mRNA <i>l</i> cds=(17,994)	1	TCCGTATGCTTACTTCGACCCACAG TACTTTGATTTGAGTTGAGGCT
8043	HUVEC cDNA	Hs.155637	U47077	13570016	DNA-dependent protein kinase catalytic subunit (DNA-PKcs) mRNA, complete cds <i>l</i> cds=(57,12443)	1	CCAGTCTCCACACCCAACTGTTTCT TGATTTGGCTTTTGTCTTTTGTG
8044	HUVEC cDNA	Hs.285313	U1569	2745959	cbox promoter element binding protein (COPEB), mRNA <i>l</i> cds=(117,968)	1	CTGTTGCTCTCTGAGGCTGCCAGTT GTTGTGTGTACCGATGCCAGAAG

Table 8

8045	HUVEC cDNA	Hs.184270	U58637	1338098	capping protein (actin filament) muscle Z-line, alpha 1 (CAPZA1), mRNA /cids=(0,880)	1	AATATAGTCAAGCAAGTTTGTCCAG GTGACCAATGAGCTGTGTATGCA
8046	HUVEC cDNA	Hs.75064	U61234	1465773	tubulin-specific chaperone c (TBCC), mRNA /cids=(23,1063)	1	TTTGTCTTTTTCGTACCTGCTTTGAGA CTGAGTCTTACTCCGTCGCCAC
8047	HUVEC cDNA	Hs.183684	U73824	1857236	eukaryotic translation initiation factor 4 gamma, 2 (EIF4G2), mRNA /cids=(306,3029)	1	TTTGTGGTGTGAACAAGTGTGAGA ATTTGAATTGTGCCCTCCTATTAT
8048	HUVEC cDNA	Hs.186263	U89278	1877500	early development regulator 2 (homolog of polyhomeotic 2) (EDR2), mRNA /cids=(8,1309)	1	CAGGAAGGAGGTAGGCACCTTTCTG AGCTTATTCTATTCCCCACCCACAC
8049	HUVEC cDNA	Hs.334703	W29012	1308969	Homo sapiens, clone IMAGE:3875338, mRNA, partial cds /cids=(0,930)	1	GGBAGCATCCCTCTCTACCAAGGT GCGCAATGTGAGGAGGACCTGTCATG
8050	HUVEC cDNA	Hs.287820	X02761	31396	mRNA for fibronectin (FN precursor) /cids=(0,6987)	1	TGGCCCGCAATACTGTAGGAACAAC CATGATCTTGTTACTGTGATATTTT
8051	HUVEC cDNA	Hs.14376	X04098	28338	actin, gamma 1 (ACTG1), mRNA /cids=(74,1201)	1	GGTTTCTTACTGTATGTGAGAACATT AGGCCCGACCAACACCATCTTGT
8052	HUVEC cDNA	Hs.290070	X04412	35447	gelsolin (amyloidosis, Finnish type) (GSLN), mRNA /cids=(14,2362)	1	AGCCCTGCAAAATTCAGAGTCCTTG CAAATTTGCTCAAAATGTCAGTGT
8053	HUVEC cDNA	Hs.79086	X06323	34753	mitochondrial ribosomal protein L3 (MRPL3), mRNA /cids=(76,1129)	1	TGGGACATGTAGCACTGCTATTGTGG GTAAAGAACCACTGCTTAAATG
8054	HUVEC cDNA	Hs.287797	X07979	31441	mRNA for FLJ00043 protein, partial cds /cids=(0,4248)	1	ACCACTGTGTATTACTTCTCACCATT TGAGTTGCCATCTGTTTTCACA
8055	HUVEC cDNA	Hs.87409	X14787	37464	thrombospondin 1 (THBS1), mRNA /cids=(111,3823)	1	TTGACCTCCGATTTTTACTATTGTGCA ATACCTTTTCTAGGAATGTGT
8056	HUVEC cDNA	Hs.82202	X53777	34198	ribosomal protein L17 (RPL17), mRNA /cids=(286,840)	1	GAGGAGGTGGCCGAGAAAGAAAGAA TATCCCGAAGAAATCTGAGAAACA
8057	HUVEC cDNA	Hs.233936	X54304	34755	myosin, light polypeptide, regulatory, non-sarcomeric (20kD) (MLC2B), mRNA /cids=(114,829)	1	AACCTACAGGCCCTCTCCGCCAATA ACTGTGGGTCTATACAGAGTCAAT
8058	HUVEC cDNA	Hs.74405	X57347	32463	tyrosine 3-monooxygenase/tyrosinase 5-monooxygenase activation protein, theta polypeptide (YWHAQ), mRNA /cids=(100,837)	1	AGAGAGTTGGACCACATTGTGTGTT GTCAATCATTGACTGTAGTCCCAA
8059	HUVEC cDNA	Hs.77813	X59960	402620	sphingomyelin phosphodiesterase 1, acid lysosomal (acid sphingomyelinase) (SMPD1), mRNA /cids=(0,1899)	1	COCTGTACTGCTGTGCGAACCTGATG CTGCCAGTCTGTGTAATAAAGAT
8060	HUVEC cDNA	Hs.172680	X62535	30822	diacylglycerol kinase, alpha (80kD) (DGKA), mRNA /cids=(103,2310)	1	ACACACATACACACACCCCAAAACAC ATACATTGAAAGTGCTCATCTGTA
8061	HUVEC cDNA	Hs.272822	X83527	36127	RuvB (E coli homolog)-like 1 (RUVBL1), mRNA /cids=(76,1446)	1	ACCTCCCACTTTCTGTACATACCTG CGCTCTGTGATTACATAGATCAGC
8062	HUVEC cDNA	Hs.119529	X87698	37476	epididymal secretory protein (19.5kD) (HE1), mRNA /cids=(10,465)	1	AACAACATTAACCTTGCGCTCTTTCT ACACCTGGAAATTTACTCTTGAA
8063	HUVEC cDNA	Hs.211579	X88284	433991	MUC18 gene exons 1&2 /cids=(26,1966)	1	TCTCTGCTCAATCTCTGCTTGGCTCC AAGAGCTCGGGATCTCTGTACG
8064	HUVEC cDNA	Hs.75061	X70328	38434	macrophage myristoylated alanine-rich C kinase substrate (MACMARCKS), mRNA /cids=(13,600)	1	TGCTTACTCAAGTCTAACCTCCAG: CCTGTGAATCACTGTGTCTCTTT
8065	HUVEC cDNA	Hs.31314	Y72841	297903	retinoblastoma-binding protein 7 (RBP7), mRNA /cids=(287,1564)	1	AACCTTTACACTTTTCTCTCCAAACAC TCTTGATTGGCTTGTGAGAAAT
8066	HUVEC cDNA	Hs.79088	X78699	469884	reticulocalbin 2, EF-hand calcium binding domain (RCN2), mRNA /cids=(66,1019)	1	TGTTGAGTGGAAATTGACATTGTCCA AACCTTTTCACTTTTGTGAGTATT
8067	HUVEC cDNA	Hs.7957	X79448	2326523	adenosine deaminase, RNA-specific (ADAR), transcript variant ADAR-a, mRNA /cids=(187,3867)	1	GAGTGAAGGAGACCCCAAGCATAG ACTCGGTACTGTGATGATGCTCG
8068	HUVEC cDNA	Hs.76206	Y79981	599833	cadherin 5, type 2, VE-cadherin (vascular epithelium) (CDH5), mRNA /cids=(120,2474)	1	TGGCAAGGCCCTCAGCTCAAGG GATTGTAGATAACACTGACTGTTT
8069	HUVEC cDNA	Hs.172182	Y00345	35569	poly(A)-binding protein, cytoplasmic 1 (PABPC1), mRNA /cids=(502,2403)	1	GGAAAGGAACCTTTGAACCTTATGTA CGGAGCAAGTGCAGGCTAGCAAA
8070	HUVEC cDNA	Hs.180414	Y00371	32466	hsc70 gene for 71 kd heat shock cognate protein	1	AGTTAAGATTATTCAGAGGTCGGGG ATTGAGCTAGTATGTCGCACTGCT
8071	HUVEC cDNA	Hs.75216	Y00815	34266	protein tyrosine phosphatase, receptor type, F (PTPRF), mRNA /cids=(370,6063)	1	TTACTCTGTGAGTGTAGTGTCTGTAG AGTCTCACTGTGTACACAGTCTGT
8072	HUVEC cDNA	Hs.65114	Y07604	1945761	keratin 18 (KRT18), mRNA /cids=(51,1343)	1	GGGGCTTTCACATTATCAATACTCT CTCTAAAGGGGAGGATTAAAT
8073	HUVEC cDNA	Hs.113503	Y08890	2253155	Homo sapiens mRNA for Ran_GTP binding protein 5 (RanBP5(Importin5) gene) /cids=(236,3529)	1	TTTCTCTGTGCAATTGACATTAAGC ATCGAGTTTTCACATCTCCACT
8074	HUVEC cDNA	Hs.44499	Y09703	4581462	pln1, desmosome associated protein (PNN), mRNA /cids=(30,226)	1	ACATGTGCAATAAATGTGGCTTGA CTGTGTGACTCTGTAGACATCAA
8075	HUVEC cDNA	Hs.8867	Y11307	2791897	cysteine-rich, angiogenic inducer, 61 (CYR61), mRNA /cids=(80,1225)	1	AAATGTAGCTTTTGGGAGGAGAGG GAAATGTAACTGGAATAATTTGT

Table 8

8078	HUVEC cDNA	Hs.90061	Y12711	6759555	progesterone receptor membrane component 1 (PGRMC1), mRNA /cids=(78,665)	1	ACCCACTGCAAAAGTAGTAGTCAAGT GTCTAGGCTTTGATATGGCTCTT
8077	HUVEC cDNA	Hs.101033	Y14391	6562822	Pseudosolotomal GTP-binding protein-like (PGPL), mRNA /cids=(329,1540)	1	GCGTGCCTGACTGCTTCCCTCGG AATGTTTCCGTACACGAGACATTA
8078	HUVEC cDNA	Hs.24322	Y15286	2584788	ATPase, H ⁺ transporting, lysosomal (vacuolar proton pump) 9kD (ATP9H), mRNA /cids=(62,307)	1	GAGAGGCCATCTCAACAGAAATCGCAC CAACATCAATTTGACATGAAATTT
8079	HUVEC cDNA	Hs.291904	Z31696	479156	accessory proteins BAP31/BAP29 (DXS1367E), mRNA /cids=(136,576)	1	AGGAGGGTGGGTGGAACAGGTGGAC TGGAGTTTCTCTGAGGGCAATAAA
8080	HUVEC cDNA	Hs.180877	Z49950	761715	clone RP761 unknown mRNA /cids=(113,529)	1	CTGCTGATTAAGATCCATAATAGT CTGATTTTGGCAGTGGGCTAAGA
8081	HUVEC cDNA	Hs.289101	Z49835	860985	glucose regulated protein, 58kD (GRP58), mRNA /cids=(0,1517)	1	TTGGGGGAAATGTTGGGGGGTGGG GTTAGTTGGGAGATTTTCTTAATT
8082	HUVEC cDNA	Hs.10340	AK000452	7020546	hypothetical protein FLJ20445 (FLJ20445), mRNA /cids=(334,1170)	1	AGCATGGTAAACCTGGGTTTGTGTCA TATTTTCTCCAGACAGAAATGCAA
8083	HUVEC cDNA	Hs.194676	AK001313	7022490	tumor necrosis factor receptor superfamily, member 6b, decoy (TNFRSF6B), transcript variant 2, mRNA /cids=(627,4486)	1	GGTCTCTTTGACATCACCAGAAAG CAAACCACTTAGCCAGTTTATTT
8084	HUVEC cDNA	Hs.808	AK001364	7022577	heterogeneous nuclear ribonucleoprotein F (HNRPF), mRNA /cids=(323,1570)	1	GCCCTTGATGCTGGAGTCACATCTGT TGATAGCTGGAGAACTTTAGTTTC
8085	HUVEC cDNA	Hs.15978	AK002211	7023952	cDNA FLJ11349 fs, clone PLACE4000650, weakly similar to TUBERIN /cids=UNKNOWN	1	GCGGATTCGAGGAGGAGGTTAATC CTACATCTTGGCCATTTGGGCTC
8086	HUVEC cDNA	Hs.29892	AK021498	10432693	cDNA FLJ11436 fs, clone HEMBA1001213 /cids=UNKNOWN	1	TTCCCTGGACAGTTTGTATGTGCTTAT GTTGTAGATTTATAATCTGCTTGT
8087	HUVEC cDNA	Hs.109672	AK023900	10435975	Homo sapiens, Similar to sialyltransferase 2,3 (alpha-N-acetylneuraminyl 2,3-betagalactosyl-1,3)-N-acetyl galactosaminide alpha-2,6-sialyltransferase) F, clone MGC:14252 IMAGE:4128833, mRNA, complete cds /cids=(128,1129)	1	GGCGGTGGGCGCCGACACTTGGTT TTGTAATGATTGTACAGGAATAAA
8088	HUVEC cDNA	Hs.25635	AK024039	10436304	cDNA FLJ13977 fs, clone Y79AA1001603, weakly similar to POLYPEPTIDE N-ACETYL GALACTOSAMINYL TRANSFERASE (EC 2.4.1.41) /cids=(418,1791)	1	TGACCATTGGAGGGCGGGGCGCTC CTAGAAAGCACTCTTAGACAAATGG
8089	HUVEC cDNA	Hs.288967	AK024167	10436481	cDNA FLJ14105 fs, clone MAMMA1001202 /cids=UNKNOWN	1	CAGTCTGCACACAGCAAGGTCACA GCGAAGAGCAAGAGAGAACTCA
8090	HUVEC cDNA	Hs.25001	AK024230	10436557	cDNA FLJ14168 fs, clone NT2RP2001440, highly similar to mRNA for 14-3-3gamma /cids=UNKNOWN	1	CCTCAGTAGTGGAAATCATGAATGT GAGTCATTATGTAGCTGTGCTACA
8091	HUVEC cDNA	Hs.6101	AK025006	10437439	hypothetical protein MGC3178 (MGC3178), mRNA /cids=(81,1055)	1	ACACACCACTTCAAGCTTTGCATCAG AGTCTGTATTGACAGAAATCAAC
8092	HUVEC cDNA	Hs.322880	AK025200	10437684	cDNA: FLJ21547 fs, clone COL06206 /cids=UNKNOWN	1	GGAATTTCCGACAGAGGACCCACC ACGTCCCTGCTTGACATCTTGAAC
8093	HUVEC cDNA	Hs.288081	AK025375	10437878	actin, beta (ACTB), mRNA /cids=(73,1200)	1	GGAAGGAGGAGGAGGCTTACCTGTAC ACTGACTTGGAGACAGTTGAATAAA
8094	HUVEC cDNA	Hs.288889	AK025842	10438480	nuclear receptor subfamily 2, group F, member 2 (NR2F2), mRNA /cids=(342,1586)	1	CAGAGAAAGAAAGGCAAAAGACGTG GTTTGTTTGCTTAATTTCTCTGT
8095	HUVEC cDNA	Hs.251653	AK026594	10439481	tubulin, beta, 2 (TUBB2), mRNA /cids=(0,1337)	1	GAAAGCAGGGAAGCAGTGTGAACCT TTATTCACTCCAGCCTGTCCCTGT
8096	HUVEC cDNA	Hs.334842	AK026632	10439528	tubulin, alpha, ubiquitous (K-ALPHA-1), mRNA /cids=(67,1422)	1	TGTTAGATTTGTTTCACTTGGTGAT CATGTGTTTCCATGTGACCTGT
8097	HUVEC cDNA	Hs.288038	AK026650	10439548	IRNA isopentenylpyrophosphate transferase (IPT), mRNA /cids=(80,1040)	1	TGCATCGTAAACCTTCAGAAAGAAA GGAGAATGTTTGGAGCACTTT
8098	HUVEC cDNA	Hs.324406	AK026741	10439662	ribosomal protein L41 (RPL41), mRNA /cids=(63,160)	1	TGGACCTGTGACATCTCGGACTATTT CTGTGTTTATTTGGTGGCGAGTGT
8099	HUVEC cDNA	Hs.274368	AK026775	10439705	MSTP32 protein (MSTP32), mRNA /cids=(86,318)	1	TGCAGCTAGCAATCTTTCGGAG ACACACGAGGAGAAATGAAGTAGA
8100	HUVEC cDNA	Hs.289071	AK027187	10440255	cDNA: FLJ22245 fs, clone HRC02612 /cids=UNKNOWN	1	GACTTTCCTCTCGCGAGCTTGCTACT TCTAAGCTGATGATCCAGTCAAAA
8101	HUVEC cDNA	Hs.334788	BG385656	13278634	hypothetical protein FLJ14639 (FLJ14639), mRNA /cids=(273,669)	1	GTTTCTCTTTGGTTTCCAGATTCTAT TTAGAACGGTGACTACGCCCTCT
8102	HUVEC cDNA	NA	NC_002090	9507429	many cloning vectors, kanamycin resistance, gene	1	CTGAGCAATACTAGCATAAACCCCTT GGGGCGCTCAACCGGGCTTGAGG
8103	HUVEC cDNA	NA	U07360	476289	Human DXS1178 locus dinucleotide repeat polymorphism sequence z=0.02±1 cDNA, 3' end /clone=IMAGE:785978 /clone_end=3'	1	TGCCAATTTTCAGTTCCTCACTACTCA TGCAATTTCTTTGTTGTAACCT
8104	HUVEC cDNA	Hs.230185	AA449779	2163529		1	ACCCACCATTTGCTAAATTTACGGG GAACCTGGTTAAAGATTATGCT

Table 8

8105	HUVEC cDNA	NA	A1000459	3191013	ot07c08.s1 NCI_CGAP_GC3 cDNA clone IMAGE:1614158 3' similar to gb:Y03381.605 RIBOSOMAL PROTEIN (HUM	1	GTCAAAATAGGTTGTTCTTCTTCTGAAGGACAGCACCATGCCACAGCAGC
8106	HUVEC cDNA	Hs.172922	A1016204	3230540	ot083f03.s1 cDNA, 3' end /clone=IMAGE:1623389 /clone_end=3'	1	CTGGAAAAAATCATCATGGTTGAGTC AAGGATGAAATGCTCAAACTACTCT
8107	HUVEC cDNA	Hs.96457	A1081571	3418363	ox59h10.s1 cDNA, 3' end /clone=IMAGE:1660875 /clone_end=3'	1	ATCCATCTCAATAAACACAGCAACACC CTATGCTACTGACCAAGCAAGACT
8108	HUVEC cDNA	NA	A1062318	3419110	ox7c08.x1 Soares_NhHMPu_S1 cDNA clone IMAGE:1661870 3' similar to gb:X63527.605 RIBOSOMAL PROTEIN	1	TAGTTAGAGTCCAAGACATGGTTCCT CCCCCTTTGTCTGTGACATCTGGC
8109	HUVEC cDNA	Hs.145222	A1167426	3738064	qf31d08.x1 cDNA, 3' end /clone=IMAGE:1751831 /clone_end=3'	1	CAGCGTCGCTGCTGGCCATTTTCTT CCCCCTCCATTTTCTTAACCTGAG
8110	HUVEC cDNA	Hs.237194	A1265483	3923716	ty56b02.x1 cDNA, 3' end /clone=IMAGE:2263051 /clone_end=3'	1	ACTTCTCTCCCCTCCCCTAGCATTATTTATGATATGTTTCCATACC
8111	HUVEC cDNA	Hs.238797	A1307808	4002412	602081661F1 cDNA, 5' end /clone=IMAGE:4245999 /clone_end=5'	1	AAGGAATTTGTTTTCCTATCCTAACT CAGTAACAGAGGGTTACTCCGA
8112	HUVEC cDNA	Hs.135872	AW028193	5886949	wv61h08.x1 cDNA, 3' end /clone=IMAGE:2534079 /clone_end=3'	1	TTTGGACTCCGAGTTTGTATTCGAA GAAATCAAGGGGGCCAAATTGT
8113	HUVEC cDNA	Hs.244816	AW078947	6033999	xb18g07.x1 cDNA, 3' end /clone=IMAGE:2576700 /clone_end=3'	1	AACACGAGGAAGGGGGTTGGGCCCTT TGATCACTGGAACTCTTGGATCAAG
8114	HUVEC cDNA	Hs.249863	AW162315	6301348	au66d07.x1 cDNA, 3' end /clone=IMAGE:2781229 /clone_end=3'	1	AAAAACGCTTTATGGGGTAGGGAAC CAGGCCGAAAAGACGTGGAGAAA
8115	HUVEC cDNA	Hs.329930	AW170757	6402282	xj24e07.x1 cDNA, 3' end /clone=IMAGE:2658180 /clone_end=3'	1	GGGACTCAGGCCCGCTGGGGGT CCCCACATAGGGTTTTTATCCAAAA
8118	HUVEC cDNA	Hs.233429	AW237511	6569900	nab70d03.x1 cDNA, 3' end /clone=IMAGE:3273292 /clone_end=3'	1	TGTTGTTGGATACGTACTTAACGTGT ATGCACTCCATGCTCTTGGGTAT
8117	HUVEC cDNA	NA	BE672733	10033274	7b75g07.x1 NCI_CGAP_Lu24 cDNA clone IMAGE:3234108 3' similar to TR:09231 098231 CYTOCHROME OXIDASE	1	TGAGAGCAGCACCATAATTCACAGCA GGAATAACGAAGACACACGAGCA
8118	HUVEC cDNA	Hs.288443	BF110312	10940002	7n36d08.x1 cDNA, 3' end /clone=IMAGE:3566654 /clone_end=3'	1	ACCAGGGCTTAAACCTCAATTTATG TTCAAGACAGTGGGATTTTTCIT
8119	HUVEC cDNA	Hs.111301	J03210	180670	matrix metalloproteinase 2 (gelatinase A, 72kD gelatinase, 72kD type IV collagenase) (MMP2), mRNA /cds=(289,2271)	1	AGCCATAGAAGGTGTTGAGGTATTGC ACTGCCAATCTTTGTCGTGTTTG
8120	HUVEC cDNA	Hs.82085	M14093	189566	serine (or cysteine) proteinase inhibitor, clade E (neirin, plasminogen activator inhibitor type 1), member 1 (SERPINE1), mRNA /cds=(75,1283)	1	CCATGCCCTGTGCATCAATCTTGAAT CCCATAGCTGCTTGAATCTGCTGC
8121	HUVEC cDNA	Hs.80120	Y10343	2292903	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl-galactosaminyltransferase 1 (GalNAc-T1) (GALNT1), mRNA /cds=(31,1710)	1	TTAAGAAATGTGGCAGAAATGTATGCT GAGGTAGCCCAAGTCAATCCTTATT
8122	HUVEC cDNA	Hs.10340	AK000452	7020548	hypothetical protein FLJ20445 (FLJ20445), mRNA /cds=(34,1170)	1	ATCAGTAGCAAAACAAACCCAGCAAC TTCTGTCAGCATCTGCTGTAGGG
8123	HUVEC cDNA	Hs.73742	AK001313	7022490	cDNA FLJ104515, clone NT2RP1000959, highly similar to acidic ribosomal phosphoprotein P0 mRNA /cds=UNKNOWN	1	CCCATCTAACTAGACACGAAACCTTC CACGAGGACGCTGGCGAGAGAG
8124	HUVEC cDNA	Hs.808	AK001354	7022577	heterogeneous nuclear ribonucleoprotein F (HNRPF), mRNA /cds=(323,1570)	1	GAACTTGGCAGTTGTAGCAGAGGCA GTTGAGGCTGTGTGACCATCACCAT
8125	HUVEC cDNA	Hs.15978	AK002211	7023952	cDNA FLJ11349, clone PLACE4000650, weakly similar to TUBERIN /cds=UNKNOWN	1	CGCTCTCTCTGCACGACACACCAC CACAGCTCTGGATGATTTTAGGCA
8126	HUVEC cDNA	Hs.29692	AK021498	10432693	cDNA FLJ11436, clone HEMBA1001213 /cds=UNKNOWN	1	TTTTGGGAAGAAACCATATGCATCT GAAATACAATTTGGCAATGGAAGCT
8127	HUVEC cDNA	Hs.109672	AK023900	10435975	Homo sapiens, Similar to sialyltransferase 7 ((alpha-N-acetylneuraminyl) 2,3-beta-galactosyl-, 1,3)-N-acetyl galactosaminide alpha-2,6-sialyltransferase) F, clone MGC:14252 IMAGE:4128853, mRNA, complete cds /cds=(128,1129)	1	CTCTTTGTTGCTCATCTTCTCTCCG CGCTCTGCTGAGGGGTAGGTGTC

Table 8

8128	HUVEC cDNA	Hs.25635	AK024039	10436304	cDNA FLJ13977 fls, clone Y79AA/001605, weakly similar to POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (EC 2.4.1.41) /cds=(418,1791)	1	CAACCTCCTCTGTGGTACCCAGAAGA ACAGCAGCACCCTGATCCAGAGCA
8129	HUVEC cDNA	Hs.288967	AK024167	10436481	cDNA FLJ14105 fls, clone MAMMA1001202 /cds=UNKNOWN	1	CTGTACATCTGCATCCAGCAAAAGAG CAGCAGGGACAGGAGGGAGGAGAG
8130	HUVEC cDNA	Hs.25001	AK024230	10436557	cDNA FLJ14168 fls, clone NT2RP2001440, highly similar to mRNA for 14-3-3gamma /cds=UNKNOWN	1	CACAGACAGAAGGTTTCGTCTCCTCAT TCGACAGTGGCTCATTGACGCTCTG
8131	HUVEC cDNA	Hs.6101	AK025006	10437439	hypothetical protein MGC3178 (MGC3178), mRNA /cds=(81,1055)	1	TCAAGATTGGCAATTCAGTGTGCCCA TTAAACCACCTCAGTAGCTCAGCCT
8132	HUVEC cDNA	Hs.322680	AK025200	10437664	cDNA: FLJ21547 fls, clone COL06206 /cds=UNKNOWN	1	AGTTGTCTCAGAGATTTCACACTTGT GAGAAAACTAGTGGCAGCTTTGATT
8133	HUVEC cDNA	Hs.288061	AK025375	10437878	actin, beta (ACTB), mRNA /cds=(73,1200)	1	CACATAGGAATCCTCTGACCCATGCG CCACCATCAGCGCCTGTGTCCTGG
8134	HUVEC cDNA	Hs.288889	AK025842	10438480	nuclear receptor subfamily 2, group F, member 2 (NR2F2), mRNA /cds=(342,1586)	1	AACAGGAACCTTATCTCTTTGTGAG GGGATTGTCATTCTCCACAGCGC
8135	HUVEC cDNA	Hs.251653	AK026594	10439481	tubulin, beta, 2 (TUBB2), mRNA /cds=(0,1337)	1	GTACTTGCCCGCGTGCGCTCATTGT AGTACACCTTGATGCGTCCAGCT
8136	HUVEC cDNA	Hs.278242	AK026632	10439528	Homo sapiens, clone MGC:3214 IMAGE:3502620, mRNA, complete cds /cds=(2066,3421)	1	ATAGTGGCTAGGATTAGGAGGCGA AGGCGACAGGAGCAGACACCGGGTC
8137	HUVEC cDNA	Hs.181165	AK026850	10439548	eukaryotic translation elongation factor 1 alpha 1 (EEF1A1), mRNA /cds=(53,1441)	1	CATTTTGGCTTTTAGGGGTAGTTTTC ACGACACCTGTGTTCTGGCGGCAA
8138	HUVEC cDNA	Hs.108124	AK026741	10439662	cDNA: FLJ23088 fls, clone LNG07026 /cds=UNKNOWN	1	CCCTGGTTGACGAATTAAGGGGACA GACTTGGAATAAGAAACAAACAAA
8139	HUVEC cDNA	Hs.274368	AK026775	10439706	MSTP032 protein (MSTP032), mRNA /cds=(68,319)	1	ACAGTAGAGATTTTGTAGTACACAGGG TATGGAGAGTAGGGGACAAATGT
8140	HUVEC cDNA	Hs.241507	AK027187	10440255	cDNA: FLJ23534 fls, clone LNG06974, highly similar to HUMRPS6A ribosomal protein S6 mRNA /cds=UNKNOWN	1	GAACAGCCTCGTCTTTCCCGAATGCG CAGGCAGATGACGATGAACGCTGG
8141	HUVEC cDNA	Hs.334788	BG392671	13285119	hypothetical protein FLJ14639 (FLJ14639), mRNA /cds=(273,689)	1	GACCTCCAGAAATTCGTATCGCTGT CGGTGACCAAGTCCACAGACACTA
8142	HUVEC cDNA	NA	NC_002090	9507429	many cloning vectors, kanamycin resistance, gene	1	TCCTTGCATCCTATGGAACCTCCTCG GTGAGTTTCTCCTCTTATTACAGA
8143	HUVEC cDNA	NA	U07360	476289	Human DXS1178 locus dinucleotide repeat polymorphism sequence	1	TGTTACTCCTTCAAGCCCTGAATCA CTATAGCCACGACTCTCCAACCTGA

TABLE 9: Cardiac Transplant patient RNA samples and array hybridizations

Patient #	Sample	Rejection Grade	RNA Yield (μ g)	Hybridization #
14-0001	1			
	2	3A	13.6	107739
	3	1A	5.83	107740
14-0002	1			
	2			
	3			
14-0003	1	0	12.8	
	2			
	3			
14-0004	1			
	2			
14-0005	1	3A	1.08	107741
	2	0	11.2	107742
	3			
	4			
14-0006	1	2	2.02	
	2			
	3			

TABLE 10: Differentially expressed probes between samples from patients with high and low grade rejection:

Oligo#	Gene Represented
7401	cDNA clone IMAGE:915561
1796	amphiregulin
4423	partial IGVH3 gene for immunoglobulin heavy chain V region
4429	partial IGVH1 gene for immunoglobulin lambda light chain V region
4430	partial IGVH3 DP29 gene for immunoglobulin heavy chain V region
4767	cDNA clone COL09252, highly similar to CD24
4829	oncostatin M
8091	mRNA for a predicted protein

We claim:

1. A system for detecting gene expression comprising at least two isolated DNA molecules wherein each isolated DNA molecule detects expression of a gene wherein said gene is selected from the group of genes corresponding to the oligonucleotides depicted in SEQ ID NO:1 - SEQ ID NO: 8143.
2. The system of claim 1 wherein said gene is selected from the group of genes corresponding to the oligonucleotides depicted in SEQ ID NO:2476, SEQ ID NO: 2407, SEQ ID NO:2192, SEQ ID NO: 2283, SEQ ID NO:6025, SEQ ID NO: 4481, SEQ ID NO:3761, SEQ ID NO: 3791, SEQ ID NO:4476, SEQ ID NO: 4398, SEQ ID NO:7401, SEQ ID NO: 1796, SEQ ID NO:4423, SEQ ID NO: 4429, SEQ ID NO:4430, SEQ ID NO: 4767, SEQ ID NO:4829, and SEQ ID NO: 8091.
3. The system of claim 1 wherein the DNA molecules are synthetic DNA, genomic DNA, PNA or cDNA.
4. The system of claim 1 wherein the isolated DNA molecules are immobilized on an array.
5. The system of claim 4 wherein the array is selected from the group consisting of a chip array, a plate array, a bead array, a pin array, a membrane array, a solid surface array, a liquid array, an oligonucleotide array, polynucleotide array or a cDNA array, a microtiter plate, a membrane and a chip.
6. A method of detecting gene expression comprising a) isolating RNA and b) hybridizing said RNA to the isolated DNA molecules of claim 1.
7. A method of detecting gene expression comprising a) isolating RNA; b) converting said RNA to nucleic acid derived from the RNA and c) hybridizing said nucleic acid derived from the RNA to the isolated DNA molecules of claim 1.
8. The method of claim 7 wherein said nucleic acid derived from the RNA is cDNA.

9. A method of detecting gene expression comprising a) isolating RNA; b) converting said RNA to cRNA or aRNA and c) hybridizing said cRNA or aRNA to the isolated DNA molecules of claim 1.
10. A candidate library comprising at least two isolated oligonucleotides wherein the oligonucleotides have nucleotide sequences having at least 40-50, 50-60, 70-80, 80-85, 85-90, 90-95 or 95-100% sequence identity to the nucleotide sequences selected from the group consisting of SEQ ID NO:1- SEQ ID NO: 8143.
11. The candidate library of claim 10, wherein the nucleotide sequence comprises deoxyribonucleic acid (DNA) sequence, ribonucleic acid (RNA) sequence, synthetic oligonucleotide sequence, protein nucleic acid (PNA) sequence or genomic DNA sequence.
12. The candidate library of claim 11, wherein the candidate library is immobilized on an array.
13. The candidate library of claim 12, wherein the array is selected from the group consisting of: a chip array, a plate array, a bead array, a pin array, a membrane array, a solid surface array, a liquid array, an oligonucleotide array, polynucleotide array or a cDNA array, a microtiter plate, a membrane and a chip.
14. A diagnostic oligonucleotide for a disease comprising an oligonucleotide wherein the oligonucleotide has a nucleotide sequence selected from the group consisting of SEQ ID NO:1 - SEQ ID NO: 8143 wherein said oligonucleotide detects expression of a gene that is differentially expressed in leukocytes in an individual with at least one disease criterion for at least one leukocyte-related disease compared to the expression of said gene in an individual without the at least one disease criterion, wherein expression of the gene is correlated with the at least one disease criterion.
15. The diagnostic oligonucleotide of claim 14, wherein the nucleotide sequence comprises DNA, cDNA, PNA, genomic DNA, or synthetic oligonucleotides.

16. The diagnostic oligonucleotide of claim 14, wherein the disease criterion comprises data wherein the data is selected from physical examination data, laboratory data, patient historic, diagnostic, prognostic, risk prediction, therapeutic progress, and therapeutic outcome data.
17. The diagnostic oligonucleotide of claim 14, wherein the leukocytes comprise peripheral blood leukocytes or leukocytes derived from a non-blood fluid.
18. The diagnostic oligonucleotide of claim 17, wherein the non-blood fluid is isolated from the colon, sinus, esophagus, small bowel, pancreatic duct, biliary tree, ureter, vagina, cervix uterus, nose, ear, urethra, eye, open wound, abscess, stomach, cerebral spinal fluid, peritoneal fluid, pleural fluid, synovial fluid, bone marrow and pulmonary lavage.
19. The diagnostic oligonucleotide of claim 14, wherein the leukocytes comprise leukocytes derived from urine or a biopsy sample.
20. The diagnostic oligonucleotide of claim 14, wherein the leukocytes are peripheral blood mononuclear cells or T-lymphocytes.
21. The diagnostic oligonucleotide of claim 14, wherein the disease is selected from the group consisting of cardiac allograft rejection, kidney allograft rejection, liver allograft rejection, atherosclerosis, congestive heart failure, systemic lupus erythematosus (SLE), rheumatoid arthritis, osteoarthritis, and cytomegalovirus infection.
22. The diagnostic oligonucleotide of claim 14, wherein the differential expression is one or more of: a relative increase in expression, a relative decrease in expression, presence of expression or absence of expression.
23. A diagnostic agent comprising an oligonucleotide wherein the oligonucleotide has a nucleotide sequence selected from the group consisting of SEQ ID NO:1 - SEQ ID NO: 8143 wherein said oligonucleotide detects expression of a gene that is differentially expressed in leukocytes in an individual over time.

24. The agent of claim 23 wherein said oligonucleotide is selected from the group consisting of SEQ ID NO:2476, SEQ ID NO: 2407, SEQ ID NO:2192, SEQ ID NO:2283, SEQ ID NO:6025, SEQ ID NO:4481, SEQ ID NO:3761, SEQ ID NO:3791, SEQ ID NO:4476, SEQ ID NO:4398, SEQ ID NO:7401, SEQ ID NO: 1796, SEQ ID NO:4423, SEQ ID NO:4429, SEQ ID NO:4430, SEQ ID NO:4767, SEQ ID NO:4829, and SEQ ID NO:8091.

25. A diagnostic probe set for a disease comprising at least two probes wherein each probe detects expression of a gene wherein the gene is selected from the group of genes corresponding to the oligonucleotides depicted in SEQ ID NO: 1 - SEQ ID NO:8143 wherein each gene is differentially expressed in leukocytes in an individual with at least one disease criterion for a disease selected from Table 1 as compared to the expression of the gene in leukocytes in an individual without the at least one disease criterion, wherein expression of the gene is correlated with the at least one disease criterion.

26. An isolated nucleic acid wherein said nucleic acid comprises a sequence depicted in SEQ ID NO:8144 - SEQ ID NO:8766.

27. An expression vector containing the nucleic acid of claim 26 in operative association with a regulatory element which controls expression of the nucleic acid in a host cell.

28. A host cell comprising the expression vector of claim 27.

29. The host cell of claim 27, wherein the host cell is a prokaryotic cell or a eukaryotic cell.

30. A kit comprising the system of claim 1.

31. A system for detecting gene expression in leukocytes comprising an isolated DNA molecule wherein said isolated DNA molecule detects expression of a gene wherein said gene is selected from the group of genes corresponding to the oligonucleotides depicted in SEQ ID NO: 1-SEQ ID NO: 8143 and said gene is differentially expressed in said leukocytes in an individual with at least one disease

criterion for a disease selected from Table 1 compared to the expression of said gene in leukocytes in an individual without the at least one disease criterion.

32. The system of claim 31 wherein the DNA molecule is at least 16 nucleotides in length.

33. The system of claim 31 wherein the DNA molecules are synthetic DNA, genomic DNA, PNA or cDNA.

34. The system of claim 31 wherein the isolated DNA molecule is immobilized on an array.

35. The system of claim 34 wherein the array is selected from the group consisting of a chip array, a plate array, a bead array, a pin array, a membrane array, a solid surface array, a liquid array, an oligonucleotide array, polynucleotide array or a cDNA array, a microtiter plate, a membrane and a chip.

36. A method of detecting gene expression comprising a) isolating RNA and b) hybridizing said RNA to the isolated DNA molecule of claim 31.

37. A method of detecting gene expression comprising a) isolating RNA; b) converting said RNA to nucleic acid derived from the RNA and c) hybridizing said nucleic acid derived from said RNA to the isolated DNA molecules of claim 31.

38. The method of claim 37 wherein said nucleic acid derived from the RNA is cDNA.

39. A method of detecting gene expression comprising a) isolating RNA; b) converting said RNA to cRNA or aRNA and c) hybridizing said cRNA or aRNA to the isolated DNA molecule of claim 31.

40. A method of diagnosing a disease comprising obtaining a leukocyte sample from an individual, contacting said leukocyte sample with the gene expression system of claim 31 and comparing the expression of the gene with a molecular signature indicative of the presence or absence of said disease.

41. A method of monitoring progression of a disease comprising: obtaining a leukocyte sample from an individual, contacting said leukocyte sample with the gene expression system of claim 31, and comparing the expression of the gene with a molecular signature indicative of the presence or absence of disease progression.
42. A method of monitoring the rate of progression of a disease comprising: obtaining a leukocyte sample from an individual, contacting said leukocyte sample with the gene expression system of claim 31, and comparing the expression of the gene with a molecular signature indicative of the presence or absence of disease progression.
43. A method of predicting therapeutic outcome comprising: obtaining a leukocyte sample from an individual, contacting said leukocyte sample with the gene expression system of claim 31, and comparing the expression of the gene with a molecular signature indicative of the predicted therapeutic outcome.
44. A method of determining prognosis for a patient comprising obtaining a leukocyte sample from a patient, contacting said leukocyte sample with the gene expression system of claim 31, and comparing the expression of the gene, and comparing the expression of the gene with a molecular signature indicative of the prognosis.
45. A method of predicting disease complications in an individual comprising obtaining a leukocyte sample from an individual, contacting said leukocyte sample with the gene expression system of claim 31, and comparing the expression of the gene with a molecular signature indicative of the presence or absence of disease complications.
46. A method of monitoring response to treatment in an individual, comprising obtaining a leukocyte sample from an individual, contacting said leukocyte sample with the gene expression system of claim 31, and comparing the expression of the gene with a molecular signature indicative of the presence or absence of response to treatment.

47. The method according to claim 46, wherein said method further comprises characterizing the genotype of the individual, and comparing the genotype of the individual with a diagnostic genotype, wherein the diagnostic genotype is correlated with at least one disease criterion.

48. The method according to claim 41, wherein said method further comprises characterizing the genotype of the individual, and comparing the genotype of the individual with a diagnostic genotype, wherein the diagnostic genotype is correlated with at least one disease criterion.

49. The method according to claim 42, wherein said method further comprises characterizing the genotype of the individual, and comparing the genotype of the individual with a diagnostic genotype, wherein the diagnostic genotype is correlated with at least one disease criterion.

50. The method according to claim 43, wherein said method further comprises characterizing the genotype of the individual, and comparing the genotype of the individual with a diagnostic genotype, wherein the diagnostic genotype is correlated with at least one disease criterion.

51. The method according to claim 44, wherein said method further comprises characterizing the genotype of the individual, and comparing the genotype of the individual with a diagnostic genotype, wherein the diagnostic genotype is correlated with at least one disease criterion.

52. The method of claim 50, wherein the genotype is analyzed by one or more methods selected from the group consisting of Southern analysis, RFLP analysis, PCR, single stranded conformation polymorphism, and SNP analysis.

53. A method of RNA preparation suitable for diagnostic expression profiling comprising: obtaining a leukocyte sample from a subject, adding actinomycin-D to a final concentration of 1 ug/ml, adding cycloheximide to a final concentration of 10 ug/ml, and extracting RNA from the leukocyte sample.

54. The method of claim 52, wherein the actinomycin-D and cycloheximide are present in a sample tube to which the leukocyte sample is added.

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Figure 1: Novel Gene Sequence Analysis

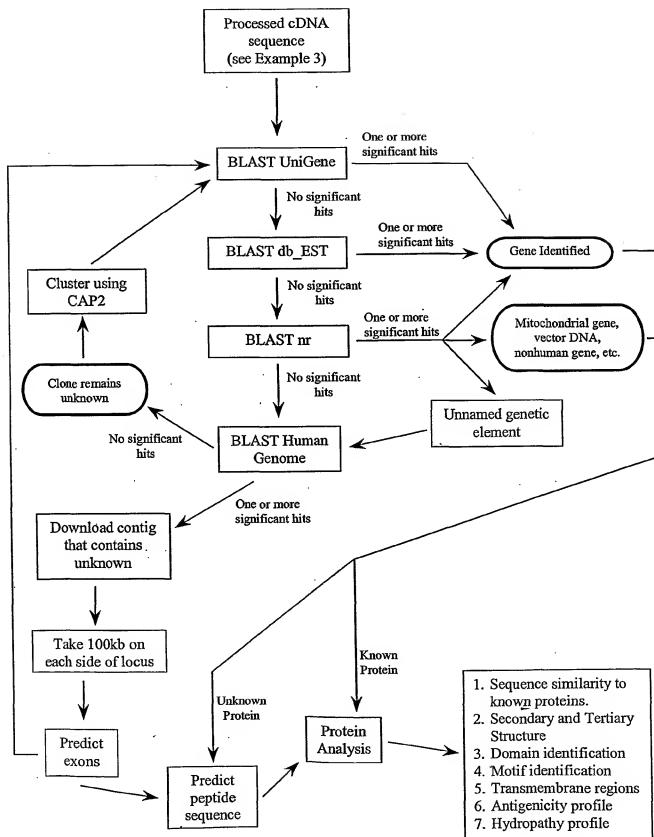


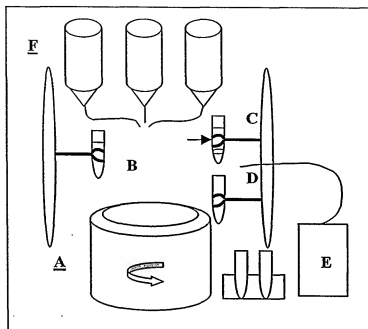
Figure 2 . Automated Mononuclear Cell RNA Isolation Device

Figure 3: Kits for discovery of, or application of diagnostic gene sets**A. Contents of kit for discovery of diagnostic gene sets**

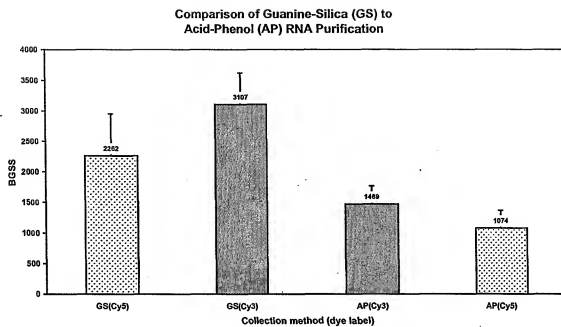
1. Sterile, endotoxin and RNase free blood collection tubes (>10cc capacity)
2. Alcohol swabs, tourniquet, 18g needle and syringe (>10cc capacity)
3. Erythrocyte lysis buffer
4. Leukocyte lysis buffer
5. Substrates for labeling of RNA (may vary for various expression profiling techniques)
 - For fluorescence cDNA microarray expression profiling:
 - Reverse transcriptase and 10x RT buffer
 - Poly-dT primer
 - DTT
 - Deoxynucleotides 100mM each
 - RNase inhibitor
 - Cy3 and Cy5 labeled deoxynucleotides
6. cDNA microarrays containing candidate gene libraries
7. Cover slips for slides
8. hybridization chambers
9. Software package for identification of diagnostic gene set from data
 - Contains statistical methods.
 - Allows alteration in desired sensitivity and specificity of gene set.
 - Software facilitates access to and data analysis by centrally located database server.
10. Password and account number to access central database server.
11. Kit User Manual

B. Contents of kit for application of diagnostic gene sets

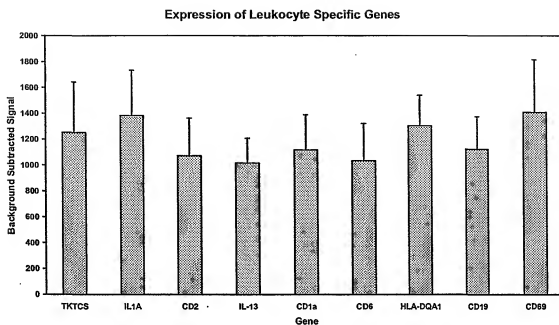
1. Sterile, endotoxin and RNase free blood collection tubes (>10cc capacity)
2. Alcohol swabs, tourniquet, 18g needle and syringe (>10cc capacity)
3. Erythrocyte lysis buffer
4. Leukocyte lysis buffer
5. Substrates for labeling of RNA (may vary for various expression profiling techniques)
 - For fluorescence cDNA microarray expression profiling:
 - Reverse transcriptase and 10x RT buffer
 - Poly-dT primer
 - DTT
 - Deoxynucleotides 100mM each
 - RNase inhibitor
 - Cy3 and Cy5 labeled deoxynucleotides
6. cDNA microarrays containing diagnostic gene sets
7. cover slips for slides
8. hybridization chambers
9. Software package for identification of diagnostic gene set from data
 - Contains statistical methods.
 - Allows alteration in desired sensitivity and specificity of gene set.
 - Software facilitates access to and data analysis by centrally located database server
10. Password and account number to access central database server.
11. Kit User Manual

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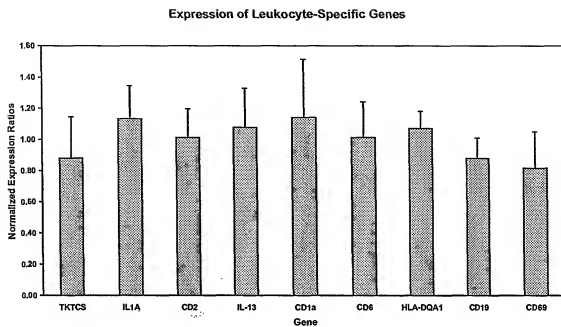
Figure 4



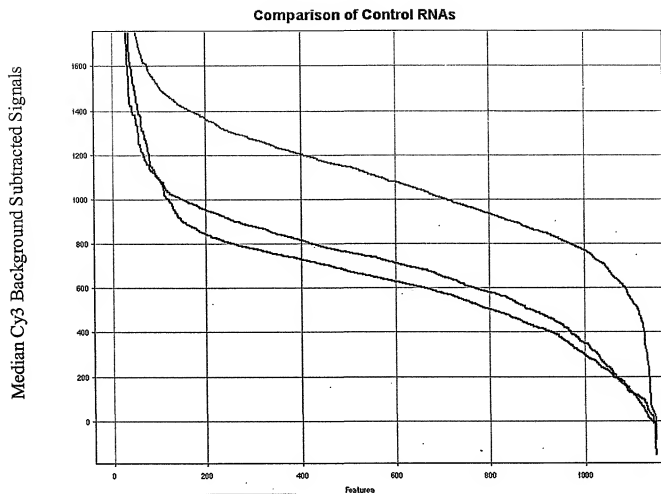
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**Figure 5**

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Figure 6

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All columns use the same scale.

— Mononuclear cells, resting and stimulated

— 10 Buffy Coats, resting

— Mononuclear cells, resting

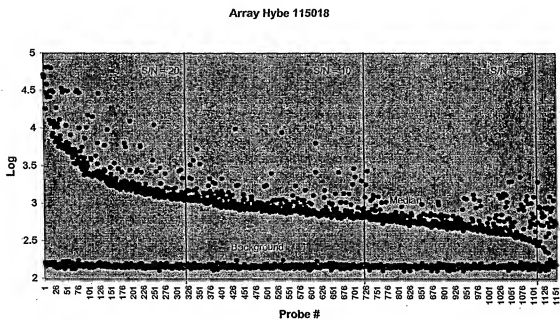
All markers are connected and ordered by Features.

10 μ g of each control RNA was labeled.

Figure 7

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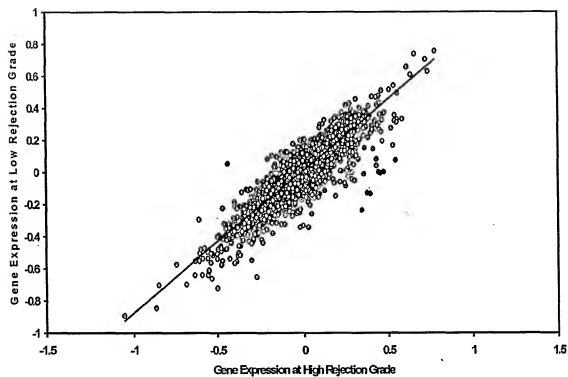
Figure 8: Log expression of each probe using the R50 reference RNA. Probe expression is ordered by Signal to noise, S/N, decreasing from left to right.



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Figure 9

Comparison of High Rejection Grade to Low Rejection Grade



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Figure 10: Differential gene expression between grade 0 and 3A samples:

Acc #	Name	Offset ID	Array 107742: Grade 0				Array 107739: Grade 3A				Ratio of SRs	
			Median + SE33	Median + SE32	Cy5/Cy3 Ratio	SR, scaled ratio (adj)	Median + SE33	Median + SE32	Cy5/Cy3 Ratio	SR, scaled ratio (adj)		
NM_003022	transcription factor 7 (T-cell specific, HMG-box) (TCF7)	2478	5058	1050	0.168917	0.710038	5327	358	0.051438	0.219793	3.22048773	0.30955059
BE220659	major histocompatibility complex, class II, DQ beta 1 (HL	6025	1810	638	0.350929	1.316579	2140	252	0.117208	0.419312	3.14462275	0.31890317
BE220559	major histocompatibility complex, class II, DQ beta 1 (HL	6025	1402	487	0.347351	1.305545	2121	247	0.115415	0.416612	3.13371558	0.31510599
NM_002922	regulator of G-protein signaling 1 (RGS1), mRNA fcds=	2407	804	95	0.118159	0.444609	1884	76	0.039809	0.142415	3.11833431	0.32089403
NM_001781	CD59 antigen (p65, early T-cell activation antigen) (CD5	2192	4121	408	0.096277	0.369371	7385	254	0.034384	0.123043	3.00165484	0.33311567
NM_002411	lymphotxin beta (TNF superfamily, member 3) (LTB), I	2283	13488	3417	0.235556	0.600616	20982	2727	0.012519	0.326746	2.94207495	0.31689167
BE205959	major histocompatibility complex, class II, DQ beta 1 (HL	6025	1539	615	0.334563	1.257707	1942	237	0.122036	0.436591	2.88074602	0.3471323
NM_001781	CD59 antigen (p65, early T-cell activation antigen) (CD5	2192	3850	386	0.10028	0.378823	7705	282	0.0356	0.130034	2.87766556	0.34746787
U05240	for upstream element (FUSE) binding protein 1 (FUBP1	3531	4507	1115	0.24628	0.933184	2230	220	0.035025	0.320306	2.83360683	0.35238603
X14088	nuclein receptor subfamily A, group A, member 2 (IRRA,	3723	1363	187	0.122344	0.459027	6541	434	0.015418	0.162711	2.82659318	0.35898972
NM_003022	transcription factor 7 (T-cell specific, HMG-box) (TCF7)	2478	2716	486	0.17894	0.672539	5310	358	0.067043	0.233645	2.80405488	0.3556264
AF035917	cytokine-inducible inhibitor of signalling type 1b mRNA,	642	9850	6254	0.533401	2.004771	969	187	0.203902	0.727307	2.75642936	0.36278918
NM_001781	CD59 antigen (p65, early T-cell activation antigen) (CD5	2192	3357	356	0.105047	0.393574	6353	248	0.041254	0.147583	2.76029225	0.37076503
Y14737	mRNA for immunoglobulin lambda heavy chain fcds=55	4905	1360	248	0.178417	0.670576	5551	5787	0.870982	3.144527	0.21325167	4.58929493
Y14737	mRNA for immunoglobulin lambda heavy chain fcds=55	4905	1398	240	0.171674	0.645231	7159	812	0.853751	3.054262	0.21255770	4.73368863
BC020540	mRNA for immunoglobulin lambda heavy chain fcds=55	4481	1826	296	0.181595	0.6972	2973	2498	0.840228	3.035889	0.20203064	4.95046378
X57812	rearranged immunoglobulin lambda light chain mRNA ic	3761	6512	747	0.114711	0.431136	27361	17730	0.947529	2.218513	0.18011538	6.37301111
X57812	rearranged immunoglobulin lambda light chain mRNA ic	3761	6728	755	0.112218	0.421766	28820	19536	0.946534	2.213311	0.18234243	5.48481967
X72475	cDNA: FLJ21321 fl, clone COL02335, highly similar to	3790	8572	1189	0.136591	0.520869	17322	13902	0.801986	2.680070	0.18168253	6.50028036
X72475	cDNA: FLJ21321 fl, clone COL02335, highly similar to	3790	15536	2128	0.136955	0.514739	17637	14245	0.807677	2.988438	0.17814525	6.61339655
X72475	cDNA: FLJ21321 fl, clone COL02335, highly similar to	3791	18074	1559	0.130118	0.480034	24281	18781	0.773239	2.705448	0.17877319	6.85956848
X57812	rearranged immunoglobulin lambda light chain mRNA ic	3761	6953	778	0.111954	0.420551	27621	18550	0.871052	2.403888	0.1740481	5.71504182
X72475	cDNA: FLJ21321 fl, clone COL02335, highly similar to	3791	10805	1411	0.130589	0.490811	17533	14334	0.817594	2.824739	0.18781537	5.95600707
X72475	cDNA: FLJ21321 fl, clone COL02335, highly similar to	3790	11246	1453	0.122021	0.44589	17074	13603	0.811958	2.940473	0.18717875	6.08182146
AF074720	SNCT3 protein (SNCT3) mRNA, complete cds fcds=39	4399	2854	243	0.09158	0.344125	37518	21610	0.57599	2.060395	0.15700357	5.83782603
X72475	cDNA: FLJ21321 fl, clone COL02335, highly similar to	3791	10909	1370	0.125584	0.472005	21658	18351	0.856609	3.064148	0.15402404	6.4929922
AF074720	SNCT3 protein (SNCT3) mRNA, complete cds fcds=39	4399	1959	181	0.092364	0.34726	36274	19589	0.536779	2.288828	0.15171979	6.59108004
AF074720	SNCT3 protein (SNCT3) mRNA, complete cds fcds=39	4399	2559	215	0.094045	0.316596	30161	21938	0.58982	2.170163	0.14558461	6.86302235
BC020263	rearranged immunoglobulin mRNA for mu heavy chain e	4474	7538	684	0.09074	0.341044	6038	4027	0.558559	2.391890	0.1428388	7.01342565
BC020263	rearranged immunoglobulin mRNA for mu heavy chain e	4474	6862	780	0.090448	0.339444	4339	2975	0.585842	2.45288	0.13797851	7.24743912
BC020263	rearranged immunoglobulin mRNA for mu heavy chain e	4474	7183	608	0.094644	0.318123	5521	3505	0.700242	2.352821	0.12559784	7.58188331
BC020263	rearranged immunoglobulin mRNA for mu heavy chain e	4475	6986	861	0.094703	0.356938	1587	1275	0.630403	2.274145	0.12384126	8.0748531
BC020263	rearranged immunoglobulin mRNA for mu heavy chain e	4478	11110	1023	0.090213	0.345928	871	682	0.730308	2.801164	0.1234577	8.0989047
BC020263	rearranged immunoglobulin mRNA for mu heavy chain e	4475	7428	790	0.096277	0.356927	1049	890	0.694927	3.055218	0.12189477	8.21729793
BC020263	rearranged immunoglobulin mRNA for mu heavy chain e	4476	10413	933	0.0956	0.336577	625	486	0.7778	2.781837	0.12105553	8.2595647
BC020263	rearranged immunoglobulin mRNA for mu heavy chain e	4475	5041	484	0.062363	0.311436	1694	1244	0.79559	2.538319	0.10972556	8.11304747
AF074720	SNCT3 protein (SNCT3) mRNA, complete cds fcds=39	4399	7960	645	0.08103	0.340549	22985	16954	0.813513	2.950599	0.10467052	8.58378803
AF074720	SNCT3 protein (SNCT3) mRNA, complete cds fcds=39	4399	11959	982	0.08205	0.311786	14170	12597	0.858591	3.160333	0.0980291	10.2010827
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SEQUENCE LISTING

<110> BIOCARDIA, INC.
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Quertermous, Thomas
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Phillips, Julie
Woodward, Robert
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Altman, Peter

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<151> 2000-10-20

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gtacttgccg cgggtggcct cattgtagta cacgttgatg cgttccagct 50

<210> 8136
<211> 50
<212> DNA
<213> Homo sapiens

<400> 8136
atagtggcta gggattagga ggcgaaggcg acaggagcag acaccgggtc 50

<210> 8137
<211> 50
<212> DNA
<213> Homo sapiens

<400> 8137
cattttggct tttaggggta gttttcacga cacctgtggt ctggcggcaa 50

<210> 8138
<211> 50
<212> DNA
<213> Homo sapiens

<400> 8138
ccctggttca ggaattaagg ggacagactt gaataagaaa caaaacaaaa 50

<210> 8139
<211> 50
<212> DNA
<213> Homo sapiens

<400> 8139
acagtagaga atttgagtac acagggtatg gagagtaggg cacaaaatgt 50

<210> 8140
<211> 50
<212> DNA
<213> Homo sapiens

<400> 8140
gaacagcctc gtctttcccc gaatgccagg caggatgacg atgaacgtgg 50

<210> 8141
<211> 50
<212> DNA
<213> Homo sapiens

<400> 8141

gacctccaga atttctcat cgctgtcggt gaccaagtcc acagacacta 50

<210> 8142
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 8142
 tcttgccatc ctatggaact gectcggtga gttttctcct tcattacaga 50

<210> 8143
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 8143
 tgttactcct tcaagcccct gaatcactat agccacgact ctccaactga 50

<210> 8144
 <211> 290
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) .. (290)
 <223> N=A,T,C, or G

<400> 8144
 agtcaaccta ccaagacca tacctgacac cttaggtctc tcaccaaatg gaatagactc 60
 taatggtgat acataccaat aangggaaat ctagtgtgtg taaactgttt atgcctcatt 120
 ctatgaaagc tgaaagattg ctgttagctg tatgatgtat aatgctaate gcgatanggg 180
 tacattgtct tctacagact cctacatatg tatgattatc acagtatgat gccagatact 240
 aacattcata ttgaacaaat ggctggcgtg ggtagatgtc aagagaacat 290

<210> 8145
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 8145
 ggcaggtgga gaacacaaac gagtgagagc tgactgtagt cgaagatcat acaaggaaag 60
 gtaagaaggc ctgcaagctg tgaattagac ataatacatt attaattata ggatgtaaca 120
 ttatgtatat ggggaatata tatctaaact tatttatcaa tatttaatat tatatatatg 180
 gggtagtgt atgtaaaagc atatatatta tatatatgta ttattaataa cttttgtgtt 240
 atgagactga atatctataa atatatgttt tattaataat tactatatgc tgtgtaagta 300
 tcacgttata ttttgtgtgc tgactaagta agcaacgcta tgtagatata aagagttgtg 360

tgatggagtc cactgggtgat acaacg 386

<210> 8146

<211> 354

<212> DNA

<213> Homo sapiens

<400> 8146

cgagtacaag cttttttttt ttattttatt tcttgttctg gctatgatga caaactgggt 60

agtatatgat atatataacg tagagaagag taacatatag acacaaaaaa tatatatgag 120

tcatgtatta actagaaatg cacataagat aaaatggcct attgaatcat gtttttatta 180

tagatatatt acaaaatggc attgaaggaa acctacttat ttttcaatat gagaacaaca 240

gaaggctttt atgtatcacg aaaataacaa tatatctgat tttataattt ataatttaca 300

ttacataagc tgagaactac acaataaaaa ctcaccaata ttgaatatta tata 354

<210> 8147

<211> 226

<212> DNA

<213> Homo sapiens

<400> 8147

atctcgaagg caactcgcat gcacactagc aacatatata aacaatctta tatttagactg 60

taaatggaaa ctgtaaagtg attagcttga atcttttctg cgaagagatt gtaacagaca 120

atcgggtgaa atcacctcgc gcactgttat gagagattgt gacgttcagg acaaacgag 180

taacagactg atcttctgtt tgatactacg accaggactc caggac 226

<210> 8148

<211> 530

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)..(530)

<223> N=A,T,C, or G

<400> 8148

gacactgagt ctaggaatan gcacatatgg agctaaagac ctatgcttta aatactctaa 60

atatatagac tacacaaaaa catatgggaa aaatgtactg atgctaagat aatattgttg 120

atatcatatt gttagaaacta taacttttaa ccaatagtgt tgagcataaa tgttacagtg 180

atattgtgtg taatatatag tacatgtaaa aatgaaacta aatttatata taattgtata 240

tatgacatca acaatgtaat tgatatctct gctgttatca caacactcga aattaatgaa 300

tgctacagac atggattaaa aagactango tctctaaaga gataaagaat attacttaaa 360

```
gcacatatta ttatgtgtaa tacactatta gaagattaga tctaaactat acaacacana 420
acgtacttct tttcatcatc ctctgctaca aactattgcc ctctcaaaa tatagacgat 480
tgctaaaaga gtctgagcga tgatgccatc aatgaacaaa cgttttgagt 530
```

```
<210> 8149
<211> 514
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(514)
<223> N = A, T, C, or G
```

```
<400> 8149
tgtcttggag taaattttta gttcatggat gtaatgtggt ctacaggaat actgtatttg 60
taaaaaaata agaacattct gcaactgtag aaatgacccc attatatatt ttctgaaaat 120
gaaaacagtt acatgaaaaa aatgaccaat gaacatgtca tcatttgatg aaaaaccaga 180
agttattaga tgagagcagc gagtgaatct ttaaaacaga cttgatcacg cactactcaat 240
aagtaatatc tctccgaac cggatgtcat tctatatctg ttagaaaataa tgtcatcaaa 300
agaaagtaaa ttagaggata tttttgcaa tagtttatac aaaatatatg aaccaaagag 360
attggaattt gtaaaaaatgt aaaatagtat gaacaatatt tgcactctac catatttgaa 420
catctnnatg agttcacatt catactaggt tatcaacatt gcggttctttt tgcattcatt 480
ctttactgtt attaaaaagt caaaaccaat ataa 514
```

```
<210> 8150
<211> 170
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(170)
<223> N = A, T, C or G
```

```
<400> 8150
ccactattat gggatttggt ttagtcatt atggattctg gatattcaan catttacaat 60
gtagcatatt tgattttctt tttttcttct ttttttggca tcaattaacat ttcatttgaa 120
atgcatattg ttcttgaagt acctcgccg cgaccacgct aatcactagt 170
```

```
<210> 8151
<211> 162
<212> DNA
```

<213> Homo sapiens

<400> 8151
aggcgacagg gaatggcaag tttctgaagt cggcatagct tagttgttgc atccagcaga 60
gagacagcac agggagcagc ctacgcagga agattacaac agaggaataa cacagaatac 120
aatctgggat ggataatagt gaatggcatc cactagatga tt 162

<210> 8152

<211> 498

<212> DNA

<213> Homo sapiens

<400> 8152
cagtcctttt tttttttttt tttttttttt ttttgggttt ggaaccttta ataaaaataa 60
aaaaggaatg caaaaagaac acaatgttga aaacttaata tgaatgtgaa cctcactaga 120
tgttcaaate tgggagagtg caaattttgg tcatactatt ttacattttt acaaaactcaa 180
atcacttttg ttcataatatt ttctataaac tattggcaaa aaaatcctca aattttacatt 240
cttttggcta cattattttct aacagatata gattttacttc cgggttcgga gagaaagact 300
tattgtgtgt gcgtgaacaa gtctgggtta aagattcact cgtctgtttc atctaataac 360
ttctgggttt tcataaaatg gtgacatctt cattggaaat ttttttcatt ttactgggtt 420
cattttcaga aaaattataa ggggggggatt ccaaggtca gaagatcctt atttttttaa 480
aaaaaaaaa ttctggta 498

<210> 8153

<211> 194

<212> DNA

<213> Homo sapiens

<400> 8153
actattaagt tctttcacaa aataatcctc ttatatcaac acagtaccaa tctaagtgtc 60
cgcaggaggg ttactttaac atctccctcc tgtgtttact ccaatgttcc tccctttagg 120
tatggctcgg gtaaatcggg ttatggatgc atctgtccac accacgctcg cagcatgtca 180
ctctgcgcac taag 194

<210> 8154

<211> 178

<212> DNA

<213> Homo sapiens

<400> 8154
gtgcgtggc tatggacacg taaaggaatt gccacatggg ggacattgat tgcaaattgt 60
tgaggggatg gaaaggatgt tggacgttct ggtgaaaagc tggaagatgg ccctaaattc 120
ttgaagtact ggtgaagctg tcattgtcga tttgggtggg ggatagcttc tgtacgtg 178


```

<210> 8155
<211> 450
<212> DNA
<213> Homo sapiens

<400> 8155
caactattat actattctct tctgctttca ttctgatgtg gtctgtaata gcaaaataca      60
tgacttattt gtgtggatgg caaaacaaaa ggtgtgtgtt ggatggtctg cttatcagtg      120
gatgatacaa cagtcaagca aaacctcgcg gccctaacc aaaatcgatg aatctttgga      180
acttgaaaga caatctggcc tgtatgaatg ggcaaacagc gaccatcatt cgaatgaaa      240
ctggtaggca gtcacatttg acattcatga tcttcactgg ctactcgcc agactcaaaa      300
cgctgggtgac tgtaacagt gtcaggtttt aaccaagcgg aattccatta aatatttgcc      360
ccaatgctct ggaaactggg agagaatctt tgcactgtga tagctgctac actgtgcgcc      420
tgaacacagc gccattggtg gtaccccccg                                450

<210> 8156
<211> 178
<212> DNA
<213> Homo sapiens

<400> 8156
tatcatatata ataaaacaga tggctgggga ggaaggaaga caaacagaa tgactcagct      60
ggatggacat acacttaatg catgatcaat catcaatctg tctgttataa attagttggt      120
gagtgggatg tccatacatt aactattgaa tgaaaggtaa gttatttaat atatttat      178

<210> 8157
<211> 226
<212> DNA
<213> Homo sapiens

<400> 8157
tttttttttt ttttttttgg ttttgaacct ttaataaaag taaaaaatga atgcaaaaag      60
aacacaactgt tgaaaactta atatgaatgt gaacctcact agatgttcaa atctgggaga      120
gtgcaaatat tgttcatact attttacatt ttttacaac tcaaatcact ttggttcata      180
tattttctat taactatttg caaaaaaatc ctcaaaactct cattcc                                226

<210> 8158
<211> 530
<212> DNA
<213> Homo sapiens

<400> 8158
tactgactat ggaacatga atatatgtaa gggccattca tgatatatga atgagaagag      60

```

taagctttca tatggaaaa cacaatcatt caaaaaatga atgacatgct gatgtatagc	120
aacacgcac ataaaaatgaa gagtatatca ataacatatac tatgcttaga taagtactac	180
cttctgtgta ttatagaaca ataagtgtgc attgggtgta ctttgcacct aacgcattggg	240
tatcatgggt atgcacccat catgatggag tctggattac catcttgctt ttggataaaa	300
cagatctatt tggggcatct acataggatt aatagagaga gaaagaggat atatgattca	360
taaatcatat atgctctgat caaatgcaag catcattaaa aaacatatgc tatctataac	420
tactcatcag attgctgtga tctatacact ctctccacat attaatactg tgaaacttca	480
actatagcac attactctgg atatgcaag ttagcacggt aggacatgaa	530

<210> 8159

<211> 578

<212> DNA

<213> Homo sapiens

<400> 8159

agcatttaac ccaaacagggt gttcttagcc tcagcactat gacattttgg gctgactact	60
tattttgttag gcgggagctc tctgtgcat tgtaggataa ttagcagat cctcggtggc	120
taccaaatag acgccagtag cacccegaat tgacaaccca aactctccag acatcaccaa	180
ctgtcccctg cgaggagaaa tcaactctgg gggagaacca ctgacccaaa tgaattctaa	240
accaatacaa tgtctgggaa gccctccaag aaaaaaaaa agaaaaagca cttgaagaat	300
attcccaata ttcccgtgca gcagtatcaa ggctgacttg tgttcattgt gagtcattat	360
aaattctata aatcaattat tccccttcgg tcttaaaaat atatttactc ataacattt	420
gtgttttgtt gaaaagatgg agtttataaa gataccatc ttgagtcag gatttctctg	480
gtcacagaat ggtgtggcat ttggaaacgg gaataaacia aattgctgca tcaatgcact	540
gagtgaagga agagagacag aggtgaagg gttttaga	578

<210> 8160

<211> 530

<212> DNA

<213> Homo sapiens

<400> 8160

ggtgagtag tatgtgagtg aaataaatgg atggaattag tgatatgaat aattgaagtt	60
tgagaagtag aatggatggg cgtgttgtag ttattagtaa aataagatag aagaatggtg	120
taagaattat atggatggat atgatatgta ggattattatt gtaatttata cttttatgaa	180
ttgtgaataa ggaaatatat tctatataga ttaggagtga aagaatcagg tttataaagt	240
gaaataatta aatagaatgc agaatgaag agaaagggat attgtgtaac atattattgg	300
aagaataatt aaaatattta atatgtgtta taaaagtga gataaaagtg tatttttatg	360

aacagaattg ttatgaaata ttatttttac attaaattaa aagtgtattg agtgaatatg	420
ttaaggaata tttattggaa atattagagt taggtacaat tgaagaaatg tgtgaatgaa	480
gaagaggaag tgattactgg gtgaaattat agtgaattgg aaataattga	530

<210> 8161
 <211> 693
 <212> DNA
 <213> Homo sapiens

<400> 8161 gcggtggttg tgatcggtta tgtgggttagc ttggtggtgt ggtggcggca gtgaggggct	60
aggatgggtg gtaggatatc taggactgag acggagactt gacctccacg atgcaacatc	120
caatgagtat gctatgtgag aaaaatgaga gattaacgag ctaaattgcag tgtgatgat	180
gtgtgagaac atcacagatg gatgatcgca caagaggcat ttgcatgata tgatcgcttc	240
atagatggaa taatcgaact ggtgaatatg tatgagctgt gatgaatggt gctgcagaat	300
ccatctgttg aacctgttat atgcaatgtg tgaggaggct agatgaatgg atcatatcat	360
gatgatgtta acaatgttgg gtgagattgc tatggtgaca aatcatgtgg atgtatacag	420
gaatatttct ggttgctgctg gttgacaacc atgggggcat agacaagaga agtagtagag	480
agtgatgttg acatcgatgg gggatacgct tataaatgat gaagtggatg acgtgtgcat	540
gtggagcgta tacgatagtt actaacgagt ttggagcata gtgtgagtat tatatatgtt	600
caagttaata acgtggtgga tgcattgtta tagttgttta ttgtgtgaaa ttgatatctg	660
gttataatta tggtcataat ttgtatcctg taa	693

<210> 8162
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 8162 atgatatgtg tgaaatgatt gattggaggg taagtatttg gttgttttta gatttaggtt	60
agaaagagga ggtatgtgga taggagtaaa taatgtgatt ggtttatttg gtgaaatatt	120
atgttttgtt gtttggaat atggaggatg gtgatttttag tttggataat agaggttata	180
taaatgcaat ggaa	194

<210> 8163
 <211> 466
 <212> DNA
 <213> Homo sapiens

<400> 8163 cagcatttaa tccaaacagg ggttcttagt ctcagcacta tgacattttg ggctgactac	60
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ttattttgta ggccgggagct ctccctgtgca ttgtaggata attagcagta tccttggtgg 120
ctacccaata gacgccagta gcaccccgaa ttgacaaccc aaactctcca gacatcacca 180
actgtccctc gcgaggagaa atcactcctg ggggagaacc actgacccaa atgaattcta 240
aaccaatcaa atgtctggga agccctccaa gaaaaaaaaat agaaaagcac ttgaagaata 300
ttcccaatat tcccggtcag cagtatcaag gctgacttgt gttcatgttg agtcattata 360
aattctataa atcaattatt ccccttcggt cttaaaaata tatttctcta taaacatttg 420
aagtttgttg aaaagatgga ggttacaaag ataccattct tgaagc 466

```

```

<210> 8164
<211> 672
<212> DNA
<213> Homo sapiens

```

```

<400> 8164
cccttaagat tctggacctc ttagaaggaa ggctcatcta tacacttcaa ggacatacgg 60
gacctgtctt tactgtttca ttttcaaaag gtggagagct atttgcatac ggaggtgcag 120
acacacaggt cttattatgg aggactaact ttgatgaatt gcattgtaaa ggtcttacca 180
aaagaaatct caaaagatta cattttgatt caccaccaca tcttcttgat atctaccocaa 240
gaacaccaca tccccatgag gaaaaagttg agactgtaga aattaatcca aagcttgagg 300
taatcgattt gcagatctct actcccccgt ttatggatat cctttctttt gattctacca 360
caacaacaga aaccagtggg aggactctgc cagacaaggg tgaagaggcc tgtggatatt 420
tcttgaacct ttccttaatg tcaccagaat gtttgccaac aaccacgaaa aagaaaacag 480
aagacatgag tgacctcccc tgtgaaagtc aaaggagcat acctctcgct gtgactgatg 540
cttttagagca tattatggaa caactcaatg ttttgacaca gactgtttca atcttgaggc 600
agcgactgac tttgacagaa gataagctga aagactgcct tgaaaatcag caaaagcttt 660
tagtgctgtc ca 672

```

```

<210> 8165
<211> 514
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)..(514)
<223> N = A, T, C, or G

```

```

<400> 8165
ggcttgggct gctggggcag gggcaactgg aggcaagcgg aaaacgacga ttagttcttt 60

```

```

atgtatgata ataaattaat attaatacat atanatatat agatattatg taaatgttac 120
tatgataatg gttatcgttt atacgttatc gtaatatcat aagattttta taaaaaatca 180
aaatacgaag actactaaca tgaggatgga gaaggaaaaa agtttctgaa tcttgaccgt 240
ggctgaggcg gagacgattc ttgacttgg agctgtatct gtatgtaaat gaacatagag 300
gaatacgact acagaaccta ataccaatac caggacaatg gctctgcatt taaatgatag 360
tgactgtgac tgaatacagt ttaagttaat tgtttaggt gattgtgatt atattaatgc 420
gatagcgtat attgagatga agatctaagt gattgtgaac acttgacctt gatgtccctg 480
gacacagtgc attagcgtca tttctagtc acgc 514

```

```

<210> 8166
<211> 402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(402)
<223> N= A, C, G, or T

```

```

<400> 8166
ggtactgtga aaccaccaac ttcagttgco tcagactcca gtaatacaac ggaccacc 60
atgaaaccta cagcggcatt taatacaaca acaccaggga tggctcaca aaatatgact 120
tctaccacct taaagtctac acccaaaaca acaagtgttt cacagaacac atctcagata 180
tcaacatcca caatgaccgt aaccacaat agttcagtga catctgctgc ttcacagta 240
acaatcaca caactatgca ttctgaagca aagaaaggat caaaatttga tactgngagc 300
tttggtggtg gtattgtatt aacgctggga gttttatcta ttctttacat tggatgcaaa 360
aagtattact cagaagaagc attcgtatcg aaccataaat ga 402

```

```

<210> 8167
<211> 322
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(322)
<223> N= A, T, C, or G

```

```

<400> 8167
ttctccctta aggacttttg caagaataac aagttcattg gaatttgact ttctgacata 60
gagcagacag ccttgccctg tcatgccagg cctttcatgt gaagttacca ttattagct 120
gcttctgtct etccnaggga agatttcctt ttataagcc tgggccaggg ggatgatagt 180

```

```

aagattcccc atgtgatacc agagttgga taagctgtag tgagattang gccaggactg      240
tcccatcttg attcttgaat ggtttctgtt acaacttgtc atgggggaaa aagtaacact      300
tatttttttt ttctccctt aa                                           322

```

```

<210> 8168
<211> 290
<212> DNA
<213> Homo sapiens

```

```

<400> 8168
tactatgata tgtgaatgga aaagtaggca gctgatgact caaattaaga attttaatta      60
cattgactcc aagtctgata ttctgatgag tgcctatag cacttaatgt ctgcttcata      120
taatactacc acttattaga tatatataga ctcaagagca ttaacaaaag tagagaaaga      180
gtgagtcatt atatacctat gagtaaaata tgaaaatgac tatatgtgtc tgtctgtgtc      240
ttgttatcgg tgatgcaaat agttaattct tgatggaagc tgcgcagctg      290

```

```

<210> 8169
<211> 242
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)..(242)
<223> N = A, T, C, or G

```

```

<400> 8169
cggtggtnc tgccttntg gtgtggttct tatnattaac nccattgtgt atacaggttt      60
ccagtcctt ggggtacagt agtgggtggc cagatgggta tgtaagtatt tggagtcagg      120
tgtataatgg attttcgggt gatatggatg taaagaaaag ctttccttgt tcaccggac      180
ttgaaatcgt ggagttttaa tagcagatct tcagcaggtg agagaatcac agctgcattc      240
ca                                           242

```

```

<210> 8170
<211> 178
<212> DNA
<213> Homo sapiens

```

```

<400> 8170
ctgtcgagaa tggaggattc ttacgtggac atgagttgca ttgttctttg atgctgtagg      60
cttattaaaa gtagtagtg actagtttcc aggcacttgg aatctgtgtt cctatggttg      120
gcggcatagc agctagcatt tttgatcacc atacagcagg gcttcgggta gtcgcgat      178

```

<210> 8171
 <211> 242
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)..(242)
 <223> N = A, T, C, or G

<400> 8171
 ccagnagggt atccctgtac ctgccctggt gattggccag cgaatcaggt ctaaccagca 60
 caactccac ctggaccagc cgaaccagct ctgagcatga gttgggtcag atctgaaaca 120
 tcccctgcat aaccccagca agctacctcc cctgctaatt atggatgctc atctctcgca 180
 agcatcaacc gcattggcag aagcagcaaa ccacttcct ccttgcttag catggaccat 240
 gg 242

<210> 8172
 <211> 722
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)..(722)
 <223> n = A, T, C or G

<400> 8172
 gggaccggga ggtgacttag tgctgatact ggcaattggn aaagatgagg gacgnctgct 60
 tgcactccag catgcggeca tttttaatta cattgtttcc caagtatgca tattctgnac 120
 atgtctatag cacttagtgt ctgcttcata taaactacca gttattatat atttatgatg 180
 caagtagttt tccaaatgtg gtgaaagtct gagtcttttt atcccatggt gtaaaatctg 240
 aatctggctc tctgtgtctc tctgtgcttg tttattgctg gtcagagagt caattcttga 300
 taaaagctgt tgacttggtc ctacagttt atgcagacat tggagagagc atctggttat 360
 ttcaaacatc acaggatctg agtaagaaga cctgggttatg aaacaaggct ctcataatta 420
 ctagctatga ctggtgacaa gttacctttt cttggtttaca agttatttgg cctctttgaa 480
 ttacttgtaa aatagagata gggattcttt cttgatcatg gaacatcaaa tgaagtatt 540
 tgatgaata ctttgttata tggaaattat aaatatcact tcatgtttat tattatttgg 600
 aatttgggct tctcatggtg gcattttcta tggtcatttt tttcttttct tgcataatgg 660
 ctataaagtt agtttagacat gcaaacaaat gccctaagtg ggaaattttg aatagggttg 720
 gg 722

```

<210> 8173
<211> 242
<212> DNA
<213> Homo sapiens

<400> 8173
ttgtttgcag agtcctcaaa tgtatcacag aaaacagttg ctgtggaac ttatagtgga      60
ccctactgac gcacaagcat taagaagtcc acttgctgca tactgtaagg agaacttgct      120
gcatattggga aatgctgctt aaggcaacac acattacctt tgtgacaggg ctctgtccac      180
tggggtgggc tgatgcaatc tatacagaat gcacatgctg cctttttttc ttcttttttt      240
gc                                                                    242

<210> 8174
<211> 194
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(194)
<223> n = A, T, C or G

<400> 8174
agcacgtaac ccatccgata cccaagatt aaggaaaaag agtgggagag caaatggaag      60
aagccctgc taacgggatg ctaatgagaa atggggagca ggaggctgac aatgaggtag      120
acgaagaaga ggaagaaggt ggggaggaag aggaggagga agaagaaggn gaaggtgagg      180
gggggggggg cggg                                                                    194

<210> 8175
<211> 354
<212> DNA
<213> Homo sapiens

<400> 8175
tttttttttt tttttttttt tttttgggct tccaattat ttaatatgaag ggattgggag      60
gaggacatac aaaacggcca gatacacagg gtagcagggg cttgataatg agataatttt      120
ccccccagtg ttgggaaaaa aaatactatg ttttttttta tgaacctat taaaaaaaaa      180
taaacccact cacaacattt tggaggggact aaaggccaag agaaaccaat ggagatcat      240
tatttggggg atgggggggg gagtttctgg ggggcagggg gggatgtgga caggcagggg      300
ggggtggagg aaccttgctt ctggcgggaa tgggaaggag ggacaaggaa caaa      354

<210> 8176
<211> 603
<212> DNA

```


<213> Homo sapiens

<400> 8176

```

ccccaaataa cttctcttatt gctctgaaag aagaaaagca atgtaaatca ctatgattat      60
tgcacaaaca accagaattc tccaacaatt ttaagtaatc tgatcctctt cttggagaaa      120
attgttacct aatagttttt ccttatgaat gttattacta ctggtataaa tcaaatctct      180
ataaatttcc tacttaagtc ttaagaactg ggttcttcct ttgatgttat tcatgttcag      240
aaaggaaca acactttact cttttaggac aattcctaga atctatagta gtatcaggat      300
atattttgc ttaaaatata ttttggttat tttgaataca gacattggct ccaaatcttc      360
atctttgcac aatagtatga cttttcacta gaactctca acatttggga actttgcaaa      420
tatgagcatc atatgtgtta aggcctgtat atttaatgct atgagataca ttgttttctc      480
cctatgccaa acaggtgaac aaacgtagtt gttttttact gatactaaat gttggctacc      540
tgtgatttta tagtatgcac atgtcagaaa aaggaagac aaatggcctc ttggtccccg      600
ccg                                                                    603

```

<210> 8177

<211> 354

<212> DNA

<213> Homo sapiens

<400> 8177

```

ttattttatt tatttggat tatgtttttt tttttttttt ttttttgta tttttttttt      60
tttttgttt tttttttttt tttttttttt gttttttttt tttttttttt tgtttttggg      120
ggggggaata ggagaggggg ggggaggggg gggtagtaa ggggggggga aaagaggatt      180
tataatataa aaaaaggggg aattaaagg ggggagagaa gttaatgaaa aggaggaaaa      240
aaaaggatat attaataaaa aaaaattgga aaaaaggggg agttttttat taagaggggg      300
gtatattttg gggggaaaaa aatatggggg gggggaaaaa aataatagtt tggg          354

```

<210> 8178

<211> 352

<212> DNA

<213> Homo sapiens

<400> 8178

```

acggattgaa ttgactgatg catgctcaca tatgtctaaa aacaatctgt ctgcaataac      60
atgtcatgaa tgtgtgactg actggtctgt ccttgtgca gctactacct gctgctgct      120
atcaatctct ctaacaacgg gtggacacac acccacgcac tgctggttgt cttacacaga      180
gaggaaggat ccttgcaact atctgggaga ttaatatgta accagcaacc tgtgtttgca      240
gccagctgtg ggaggtcaaa caaacaagg catgcaagca tgtgcggact gaaccgagtg      300

```

atgcgtgcga gagtacctgc ctgggcggac ggtcgccactc tcttactatt ga 352

<210> 8179

<211> 464

<212> DNA

<213> Homo sapiens

<400> 8179

gctttttttt tttttttttt tttttttttt tttttttttt tttaaaaaac taaggaaatt 60

aattgggttc agggaaaaaa ccggaaaaaa tgggtggaaaa aagtggtaaa aaaagggttaa 120

cttaaaaaat acaaaaaata ccttggggta aaatttttga aggggggggt atttaaaaaa 180

aacggaaaaa aaaccaaacc ctaaaatatt gggaaaaaaa aatattaact tttttttttt 240

tttaataaag gggggggatt gtttttggaa taaattaacc aaaaaataa aggtaccctt 300

ggttttttta agggaaaaat ttttatttta atcaaaccct aaaaaaacct tggtaagggt 360

ttatcccat ttaagggggg aaaaaaaggg ctaaaagggg gaaggaaaaa tccttggtgg 420

gcaaaacgga ttatgggggc aaggtaatg aatggaccc caaa 464

<210> 8180

<211> 448

<212> DNA

<213> Homo sapiens

<400> 8180

tacagttacc attgtacaat ttatgaacac atggattacc ttatgacaaa gcattatata 60

caccactgta ctagatgatg aagtgcatac cactcacatc actagcatgc cttctattta 120

tccaaatatt taaaggatgat atttattgtc gaatgggtgg ggtggtacca atggtctcta 180

gtatggttag tgtgaaaact ataaatatgg atctttcagt gagctattag tgagcaccta 240

ggggctataa gatggtttca cttattaatc acaaaatatt cattattatg gtgaatgtta 300

gatatactct ctatgtaaat tgggttagtaa aacgagtag aagatatgat gaatacaaaa 360

aaaataaaaa cagacatgca tgggcggtgg aggccatgat cttaaggaaa aaaatgttgt 420

gtgagtcgtg tataacatta aatgaatc 448

<210> 8181

<211> 576

<212> DNA

<213> Homo sapiens

<400> 8181

caagtaaggg gttgtacggg gctgcgaggt cgaatagcat accaatattg gttgatctgt 60

ctgcaacatt agaaatatgg agatatatac tatttatata tatttaacat taaatatatg 120

gggaatatat ctttagactc atgaaaaaga ataatgtatt attatatgca tcatttgtga 180

```
tatgatatat gactgtgaca tgaatatatg aattatttgt aatctgtata accagtgact 240
gctctgcgaa tatcaactgggt ttatcgactg ggccagctag gctatgagac tacgcaggat 300
catatggggg gcgcgctatg caaccagccg aaacaagaac cactggagaa gtgaggtgat 360
actactcgat gactcgacga acagctatat gtgaggcgat agtatccagt gcactgacgg 420
cttgacaata tgcacgcgaa tgtgtccagt gctccaaggg catgacataa cataaccaga 480
aagtgtcagg cgggcgcgta gaaaacatgc cgacaaatga gactgcacgc gtgcggcttc 540
aaaaattgct gacaactgtg accgctacct gccggg 576
```

```
<210> 8182
<211> 160
<212> DNA
<213> Homo sapiens
```

```
<400> 8182
gacagggggg gggggggggg cggggggggg gggggggggg gggggggggg gacgggcaga 60
ggggacctat tggatgcaaa aaagaatatc tatataaaaa aaatatagtt gtttttttgt 120
ggtttagaac caccagtaac aatgaaaaag tattcaataa 160
```

```
<210> 8183
<211> 208
<212> DNA
<213> Homo sapiens
```

```
<400> 8183
cagttgtcaa caatatattg taagcaacca gacatgtaaa tcttctgtag atgcttttgt 60
tttcattatg gtgcacctgt acacatttca agttctgttc tgacatgtcc attattatca 120
ctgtgtctct tattgtcaag catatTTTTT tttaccggtc tgtaaacctgg gatagttatc 180
actttctctt tttttatttg tttatttg 208
```

```
<210> 8184
<211> 160
<212> DNA
<213> Homo sapiens
```

```
<400> 8184
gaagtcttgt gttttactaa tgggaaaaaa aaatacagaa aaaagtttgt ttactcatgg 60
ctgccccacc gccagcctgg gccctaaaaa cagcccagcg cctcacttct ggcttgggag 120
aaatatttct ttgctccttt tgggaattca tggcttgatg 160
```

```
<210> 8185
<211> 160
<212> DNA
<213> Homo sapiens
```

<400> 8185
 gaggtcctgc aaaccatctc aagacccaaa taagcgaccc ggcctatgtc cccctgttat 60
 tgggattgac ccacacggcc tctacattgg catgcctagt tttgcttgca tctggaaaaga 120
 aaaagaattg aatcgcacgt ttctgggtaa aaaagctggg 160

<210> 8186
 <211> 528
 <212> DNA
 <213> Homo sapiens

<400> 8186
 tttttttttt tttttttttt tttttttttt ttttttttta aaattaaaaa ggaattattt 60
 tttttattgc cggtttttat taaaggggga ttttaaatat attcattgga gggggttaaag 120
 gaaatggagt ggggtgggtg gaaagggcag gggggccaaa aattattacc cattaataatt 180
 aaaagtgggt tgggtgattg gtgggtttct ggtgggttgg gttgggtttt tgtttttttg 240
 ggggtgggtt ttctgggtct tgttcttgac cactttttta accattgggg ttgggggata 300
 agaaaaaatt tttaggcaag gttgggtatt aaaaccacaa aaattttggg gggaggaaaa 360
 ttaaatattat tgttttaaaag gagctttcgg ggaggggggg ggtttgggtt ttgttaccgg 420
 gaggtggggg ggtagggggg ttaacacggg tctttttatt ggaaatttaa ttctcttaaa 480
 ctttcaaaat ggttggcggg ggaaaaaaaa aatggccggg agggccag 528

<210> 8187
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 8187
 tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60
 tttttttttt tttttttttt tttttttttt gggggggcaa aaaatttttt tttttttttt 120
 tgggggttga aaaatttttt aagggaattt ttgggggggg aattttgggg ataagtttta 180
 aaaaaaaaaa aaaagggggg ggtaattttt gggaatattt aaggaattaa acaaggtttt 240
 tatattaatt ttaggggggg gtttaaaaaa ttatttgggt tttaaaaaag ggtaccatta 300
 aaaaaaattg ggattggcct ttttaggggg acttaagaa ttttaggggg tttggggggg 360
 gggaaggggg ttatataggg gagg 384

<210> 8188
 <211> 222
 <212> DNA
 <213> Homo sapiens

<400> 8188
 cttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttatg 60

gggaaattta ccttttttta ttttttttta atattgaaa ttttaaaaaa ggaattattt 120
 ttcatattggg gtcccgcccg gggggggggg taggatcact tgagtaatca ggggggcggg 180
 ggatggggcg ctgaggggag aacacaaaca cagggcaggg gg 222

<210> 8189
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 8189
 tcttggctta atatagggta tgtgtaatga actgctagac tgtatgcggg acatgaacta 60
 tactagtgat ggggtgctgg ctgcatattg tgtattacta ggtctagttc tatgtattaa 120
 tatgctgcac tgtggatatg gggcaatata ttttttgga ccatctctct tattagtagt 180
 atttatagtc ctctttcgtg taatgcaata atgaatatct attattagat ggtattattt 240
 cttatgacct atatcctgtg actgtctctc ttactccttt gtccgcggac tgattaggca 300
 tggctatgtg tttaactggc tttattcttg gggccatcct ggcagtgcct ct 352

<210> 8190
 <211> 160
 <212> DNA
 <213> Homo sapiens

<400> 8190
 agcttttttt tttttttatt ttttttttta atgtttgggt gtaaatttat taaaagattt 60
 gatttataat atttgaatg gtgactgtca ctttttttcc tgccttgcta ctgatgggag 120
 tattctgcct aatatatttt ttattagatg tgcaagttaa 160

<210> 8191
 <211> 160
 <212> DNA
 <213> Homo sapiens

<400> 8191
 tactgacatg catgtactaa ctagggtcta tggcatgact tgcataaggct attacatgct 60
 gagttggtag cattagactg catggatatca taataattga acacaatgct gatgaagaat 120
 attatctcgt ggtagttagt atatttatag gcaagtggga 160

<210> 8192
 <211> 480
 <212> DNA
 <213> Homo sapiens

<400> 8192
 tacaagcttt tttttttttt tttttttttt ttttacaagc tttttttttt tttttttttt 60

```

tttttttttt tttttttttt ttttaaatat tttttttttt attatttttg tattaattaa 120
aaatatgaaa aaaaaagtaa aaggggttcc tttttggggg gaggccacct tgatggctta 180
aaacaagcct aataaatcga aaaaaaaaaat gggatgccaa aagatggggg gggaaaaagg 240
gcttgggggt taaaaggcga aaaagttggg ttaggggggtt gggggggggg aacagagggg 300
aaaaaaaaat cagtttaggg gaccttaagg ggacgggggg gggggggggg gtgaggggaca 360
cttgaagggg tttttggagg gggattgggg ggggaggggt tttgttattg ggggagatcc 420
gggagggagg ggcggggcag ggtgggggtc cagtggggta aattttctta agggcataaa 480

```

<210> 8193

<211> 240

<212> DNA

<213> Homo sapiens

<400> 8193

```

tagagctttt tttttttttt tttttttttt ttttttttaa taggttaaaa aaaaattttt 60
atttttttta aggggtgtta aaaattggaa taagaatat gtataatatt tgttagtggt 120
gggggttttg tgtaatgatt gaatatatag gaggatgaaa gatatttggt tgtaaataga 180
taaaattggg agggaagggt gaggggaaag ggggaatttt aaaaagatat attaaaaaat 240

```

<210> 8194

<211> 224

<212> DNA

<213> Homo sapiens

<400> 8194

```

tattacatgg cagcaggacc cactgagaac acaacgcctg ttgcggaaca agaacacgga 60
atggggctaa caacagacta agtactttat tgttaggcgg ataatatata actcatttgg 120
acaggcctgg gccatatctc tgactatgcc ctatattgga tgcctggcac gggcccaagc 180
ccaagaggat tctttaccct cggaacagct cccaggcac tcag 224

```

<210> 8195

<211> 192

<212> DNA

<213> Homo sapiens

<400> 8195

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ctaagattga taatttgggt atgtgatata aacgttttat taccagatgt gtacatttaa 60
tgagctatca ttacatttat aaagggttggt tgattctttg ttttttttaa acacaatttt 120
tatattcaaa tctgttgagg caatgaaaag atggagagca taaacagggt tttctatgct 180
gatagaccat gg 192

```

<210> 8196

<211> 288
 <212> DNA
 <213> Homo sapiens

<400> 8196
 tgatgaaagc caaattgacg caggatatga acctgttttg tattgtgata aggttaatat 60
 tgtgtgcaat ttgggtgaaa tgagagaaaa gattgatcgt gggttttggtt gaaagatgga 120
 tgatggtgct tgattgttgg atgatgggga tgatgacatt gatgatattg ctggtggaaa 180
 gctgatgtgt ggtgatagat tcttaaacta tggagatgct ggtattgttg atgtgggtga 240
 tbtgaaacag atgagtgttg agagtgtcat aaaatataga ggattaga 288

<210> 8197
 <211> 304
 <212> DNA
 <213> Homo sapiens

<400> 8197
 tttgattttt ttgaaatatg ttgatattgat aatttatgat ataatttga ggatagttgg 60
 ttatttttaa ttttataatt acaaaaatat tgtaaaaatt tgtgtttagt atacattttt 120
 aatagttgta tgaaagggtg atatgaatat tataatgaaa catgttagta agtgaatta 180
 agaatgatat gaatatattt tbtgttaatg atataaagaa atatgggatt gatatttaaa 240
 tgaaaatgtt tgtattaagg ataataatga taaatgtttt aaattaattt accttaaaaa 300
 atta 304

<210> 8198
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 8198
 tcgtgctaag ggtggttctg aatgcaatat ttgaatatta aatttaaatc tatatattat 60
 tatggaacat aatttatatg gggaatatat tataagactc ataactgaaa taagtattga 120
 taataaaaag aatatgtgta atgataatga atatctatta atatatagta tcagttataa 180
 gttttatatt atgtgagtgt cttaaatat tattggttgt ctgagtgtatt taggcgacgt 240

<210> 8199
 <211> 224
 <212> DNA
 <213> Homo sapiens

<400> 8199
 agttgtattt aaaaaagcat aagtatatag tgtgttgggt agaaggagag gagaatgagt 60
 tgatttgttg aagaggagggt tgtttgtgga tgaagaggag taagagtga aagtagaaag 120
 ttgaatatag aggggaagtgt tbtgagtaag gaaaagtaag gaaaaggatt cattataaga 180

gaaaaatgtta ctgagtgaat taataatatg taagtttggt ttca 224

<210> 8200
 <211> 704
 <212> DNA
 <213> Homo sapiens

<400> 8200
 caagcttttt tttttttttt tttttttttt ttttggtttt gaacctttaa taaaagtaaa 60
 aaatgaatgc aaaaagaaca caatgttgaa aacttagtat gaatgtgaac ctacttagat 120
 gttcaaatct ggtagagtgc aaattttgtt catactattt tacattttta caaactcaaa 180
 tcacttttgt tcataatatt tctataaact attggcaaaa aaatcctcaa atttacattc 240
 ttttggtctac attatttcta acagatatag atttacttcc ggtttcggag agaaagactt 300
 attgtgtgtg cgtgatcaag tctgttttaa agattcactc gctgctttca tctaataact 360
 tctggttttt cataaaatgc tgacatcttc attggaaatt tttttcatgt aactgttttc 420
 attttcagaa aatatataag ggggtcattc ccaagttcag aatgatccta tttttttaa 480
 aaacaaaatt cctgtaaaac aaattaactc caggaaacta aaatttactc caagacattt 540
 cctcaaaac aaagcaaaaa acccagccaa gatcggtaca tcacaaaacc aaacacaaag 600
 aacagcgctc acaggcaagt tcctctaagc tttcattctg ctgactgggt gcttccattt 660
 taaaggagtc tttttatcca gccactttca cagaatttta taac 704

<210> 8201
 <211> 576
 <212> DNA
 <213> Homo sapiens

<400> 8201
 atgagtgaag ataaaatgac cagcagagga atgcattgtc ggtttcagag ttgcagggtta 60
 ttatcctgaa ccatacatga acatcataag cgtgagtggt atgaactgta tcggatagct 120
 acaaagcgca cattagaatg cgagtttgat gagttgaaa gaaaaataga ttgccgggtc 180
 gggtagtagt tggaagatgg ttctaaatc ttgaattctg gtgatgatga ctatgttgat 240
 atgggtattt gggagatatt gtgtgttaag agtttatcaa attattcttc tttaggtcga 300
 tttgcgggtc atgatattaa atatatagta gtatgggtg taatcataag tagcgggaata 360
 cagtgatggt ggaactggat acgttcgcaa ctctgctcat aaagtcaga tagctgaatg 420
 aatgatcata cttatagggt ccactaagc cttaatcatt ggtgagataa caggcgtaga 480
 attgtttgtt tcattttgga ttctatgtat agttataaat gaatggataa tgatcacaa 540
 gtgtcgtata agcattatag cgagaagaga gatgtc 576

<210> 8202
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 8202
 ctcatgcaag tgaataggtgg aactgtcgcc tgcagctaaa acaggaagc ggaataagat 60
 gctgatgctg tgtcgaggtc gatgagcctc ctggtagtgg tggctgtgcc tgcaatattt 120
 gaatttttaa tctaaatctt tttatttata ttttaacatta ttgatatggg gaatatattt 180
 ttatacttat cattaatata tatatttata atttctgctt ttgggtaatg aatatgtata 240
 tctatttata tttgttttat ttattatttc tatttactgt gactgtctca cttttttctt 300
 tgggttctgt ctgattaggg ttgggtatgt gatggcttag ttttatggtc agggccgaat 360
 tggcaggc 368

<210> 8203
 <211> 672
 <212> DNA
 <213> Homo sapiens

<400> 8203
 tttttttttt tttttttttt ttttttttgg tttgaacctt taataaaagt aaaaaatgaa 60
 tggaaaaaga acacaatggt gaaaacttaa tatgaatgct aaccttactt gatgggtcaa 120
 tctggtagag tgcaaathtt ggtcactact ttttacattt ttacaaactc aaatcacttt 180
 gggctcatata ttttctataa actattggca aaaaaatcct caaatattaca ttcttttggg 240
 tacattattt ctaacagata tagatttact tccgggttcg gagagaaaga ctatttgggt 300
 gtgcgtgata aagtctggtt taaagattca ctgcgtgggt tcatctaata acttctggtt 360
 tttcataaaa tgggtgacatc ttcatggaa atttttttca tgggaactggt ttcatatttca 420
 gaaaatatat aaggggggca ttccaaagat cagaatgata ctattttttt aaaaaacaaa 480
 attcctgtaa aacaaattaa ctccaggaac ttaaaattta ctccaagaca ttttctctca 540
 aacaaagcaa aaaaacccaa caaagatcgc tatatcaca aaccaaacac aaagaccagc 600
 gctcacaggg aagttctctt taactttcat tctgctgact ggggggcttc atttaaaaaa 660
 ggtgttttaa tg 672

<210> 8204
 <211> 288
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(288)

<223> n = A, T, C, or G

<400> 8204

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catgagtcgg cncagtgccg taaaaattgn tggaaaatct gacctgtgga gtgccttaca      60
tatgtacttg aatagaagtg gtcaataaga ttgattgcat actgcattgg aaaagacat      120
aaagaatgct tgacctatct atttatcttc tctcatgatg tcttcgtnta gaaaagttaa      180
atatgctggt ataagctcat agtttgcaat tgcggatagt ctcatgagag cttgatggat      240
gaaggctagt aatctgtggt ataagccatc tggggaacga ggacagga      288
```

<210> 8205

<211> 160

<212> DNA

<213> Homo sapiens

<400> 8205

```
actgctgaac ctttttatgt tggttacttg tctatatatg ctatcttttg gtagtctttg      60
ctagcttttg atattgtgac tgacaaaggt ctgtggagtg tctatgagct ccagcgtgac      120
aacactgcct gctggcagct tggccagtgc tcaactcaaaa      160
```

<210> 8206

<211> 255

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)..(255)

<223> n = A, C, T or G

<400> 8206

```
cagctttttt tttttttttt tttttttttt ttttttttat tttttaaaac aagcaaatTT      60
ttattaaagg aaaaattttg cgagttttaa ggtttgcgag gtgtaaattt tgtgaggggtg      120
aaaaggttta ctttttcacn cagtctgttt ctggcatgtc ttttaatgga tgtcagaagt      180
ccacctggta tcaatgtata tgccagtggg gcacactctt gtagtatttt tcccgcatgt      240
ctgtgcgccca gttttt      255
```

<210> 8207

<211> 192

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)..(192)

<223> n = A, C, T, or G

<400> 8207
 tgttcgtgcg gacaagnttg tggcgtacag caaaaagcac ccaccaaggc aagacagctg 60
 atttcatctg ctcatntgta ttatcctgca accatcctag tgcaataaa gcgccggact 120
 atgacctgct ggtattggga ttgagcacac gtgtctcaca ttgatatgtc aagtgttgac 180
 tgaggctgag ag 192

<210> 8208
 <211> 224
 <212> DNA
 <213> Homo sapiens

<400> 8208
 ttcccccttt tttttttttt tttttttttt tttagggttt ttttttaaat ggaaggggaa 60
 aaattaaaag ttaaggggaa attaaagtgg aaaaaaaaaaagg ggaacacctt aaccccaact 120
 tttttgaaa agaaaaaatg atgggggggg gagaaaaggt aaggggggaa aaaggggtatg 180
 gggggatttg gggggggggg acgtgggagg aaaggggagg gagg 224

<210> 8209
 <211> 752
 <212> DNA
 <213> Homo sapiens

<400> 8209
 ttatgaggta gatccttgct tgaaggtatc tgctgaaaag ccagtaacg tggcagcttc 60
 atgcataaag atataaatga catttgcctt aaatttgga gcctaccctg gcttgggtca 120
 gatattgttg ttgaacacaa gaaagtattt aagcaaagaa acacttcagt ttaattgaaa 180
 acaacttttt gtaatgctga cgtgttaaat tggcctgagg gtattaatg atatctgttg 240
 attttgtttt tctttgaagt ataacattac tttttggagg gaatttttga aagatgcttt 300
 cgatttctct caattcttta agtcatgcaa aatgaattta aaatccaggg agtatggatg 360
 cattgcctta gttttgatga gctttaaatt aaatgtgtgc aatatcaaaa tattcaaact 420
 tacaagctgg gtaatacat ttcttgatta atatcttagt gcttaattgt tccacattt 480
 tcaaatttga ctttactctt ttttggcgta attcagtaag attgttacca gccagtgtgt 540
 ttgcacacat ttgggtgtgt tctagatgag ttagggacag tcataaaagc tggggatag 600
 tcgcatttgc aatcagtagt agcatatttc cagaatatga gccataaggt gcagtcctga 660
 atacaacagt gttatccata gaaaggagct ttctgacaaa tatacatagc cttactaatg 720
 agtaccctg cgccctccct ccacccgcac ct 752

<210> 8210
 <211> 368

<212> DNA
 <213> Homo sapiens

<400> 8210
 tttttttttt tttttttttt ttttttggtt atttctattt ttttttgctt ttttgtatag 60
 gctaatttgt cggatttggg gatgagatat tgaaggggtg aaaggattat atactgtatt 120
 ggtggttggt tgggttggtt ttgggctggg ggaagggggg ggagggtgga aattaattaa 180
 taaaatagta ataaggtcct agataaatat tatagttaaa gggaggaggg gggggggtag 240
 ggggataaag gggcaattgt gaagggggga tgggtggatg ttttttgga gctgtgggag 300
 tgaggatgtt aaaatgatth atttttatag gtaggagggt ggggggggtg tgggtgttac 360
 gtggcggg 368

<210> 8211
 <211> 690
 <212> DNA
 <213> Homo sapiens

<400> 8211
 atgtggtgtg tgggtggcac aaagttcatt tttattttct ttttccttta ttttttctta 60
 tggatgaatga tgggaagatta cggattaatt acacatggca catggataat ggatgttggtc 120
 tgtcatattc aattgcaatt tgttatagtg ctgtgtgatt aagtattgtt tattgactat 180
 tattttattct atattggtata taagaaggaa gcaggaatgt tagctgatga cactgtaata 240
 tttattatata atgctgtgtg ctgcgtccat gttgattgct tatgacgtat ggcgtatgga 300
 acatttttaa gtcattcttg atggtagctg atacctgac tgtgtgttga gttatcctgt 360
 atgtggatca tatttttaac tggattacgt gttactgggt tgggtgtggg ttgtgaacca 420
 caccagagat cactaaactt gcttcagggt tagtatctga ctggtgtatg gattcttaag 480
 cgccataagt catttgagta tttgattatc tgaataataa catgcaaat agcaagaact 540
 gggcatacag ggtaagcggc aaggacaata aggatttttg tagatattat atattttttg 600
 tttttggtta aggagacaag tttgaagagc agacaaaatc tcttttttaa tatagtatga 660
 atgagaatac ttaaaaaaat ttaaaaaata 690

<210> 8212
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 8212
 ggtacatttt tatttttttt tgggtgatgt tgtttgtctt tgaatgaagc atgtaattta 60
 ttctcttaaa gaggagaata catgtggatc tttagaaagt agggaggacat gtctaacata 120
 gatcgctgtg gtatatatta gtctataact gatcatgcat tacttagctg ggcgtggtgg 180

```

ctcatgcatg tattctgacc ttctggggca actgacgctg gataatat ttt aatacctgga 240
tagtggatga tgcagtgagc cacaatcacg ccaatgcact ccaacctgcg tgacagaccg 300
agactatgtg taaacatcta cttcaaatat atgggccttg atgaatttaa atccgtggat 360
ggcgacgtac 370

```

<210> 8213

<211> 162

<212> DNA

<213> Homo sapiens

<400> 8213

```

tactcttcca attaatatct acattgatat tcaccagata ttgtgaactg ataactga 60
aataataaga attgcatagt atttgaagct gcataatcaat aacagctttc ttggtaatgg 120
ctcctaattc atcttcttta tgggtgggtc tgcctcatat tc 162

```

<210> 8214

<211> 178

<212> DNA

<213> Homo sapiens

<400> 8214

```

gatagggaaa agttagatta ttggaagatt gtgtatactt attgatgaat atgatattaa 60
aaatggggat gtagataaag aagaattgtg atttgaatga gaattattgag aatggattat 120
tgtattgagc ttttagtggt tttttattta ataattgaaa ataagctgtt gtttagag 178

```

<210> 8215

<211> 498

<212> DNA

<213> Homo sapiens

<400> 8215

```

gtaccatttt gcagcggagg gcatgatgga aggacaagcg tttagaaagt atgtatctac 60
tctgtgatcg gatattggta tgtaaggagt gctgctgtaa ctggaacctt aagagggatt 120
atgcttacac aatgatctca tggatatgtg ttgttagcat gagctgtgga tgtaggattg 180
tgtgctagag gaacgggtgg agagattctt caagctatgg tgaatgatag agataatata 240
tctgtatggc agaatatgga cggcagaaa ttttctata tgacaatgat ttttgcctat 300
gtatagatgg tgacattatt gcaatgaagc taggacgtga gcacgctaact cactaatgaa 360
tacgggattg gctgcagctt gaccgtatga gataggtccc aacgtggcgg atgcatagat 420
tgagtatttg tatgtgttat atagatagct aggtgtaatg atggatatag gtgatagtgg 480
gtgaatatgt tattcgct 498

```

<210> 8216
 <211> 550
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(550)
 <223> n = A, C, T, or G

<400> 8216
 caacgctctg aacggtccac tccacaatag gagacaccag ctgaagatgc gagatattgc 60
 tgggcaggcc ctggcttttg ttcaggatct tgtgacggct cttctaaact ttcataccta 120
 cacagaacag aggattcaaa tttttcctgt tgattctgcc attgacacta tatctccatt 180
 gaatcagaag ttctcacaat accttcacga aaatgcgtcc tatgtccgcc ctcttgagga 240
 aggaatgctt cttatttttg aaagtatcac tgaggatact gtgactgtct tggagacaac 300
 tgtgaaattg aaaacttttt cagaacactt aacctctac atatgttttc ttangaagat 360
 tcttcctat cagttaaaaa gtttagaaga agaattgtgaa tctctctttt gcacatctgc 420
 gttaagagcc aggaatctag agctgtccca agacatgaaa aaaatgacag ctgtgtttga 480
 gaagctgcag acttacatag ctcttcttgc cttgccaagt acctcgggcg cgaccacgct 540
 aatcactagt 550

<210> 8217
 <211> 162
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(162)
 <223> n = A, T, C or G

<400> 8217
 gctgggcacg taaggtnacg ttggtgaata tctctaactc acggcatngt atatgcaggt 60
 attttcggta ccaaggacaa ggttctaagt catactatta aaggctaata aaattcaaaa 120
 atggttttaa gaattcgaac attttgaatg acgcagaggg ct 162

<210> 8218
 <211> 530
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(530)
 <223> n = A, T, C or G

<400> 8218
 ggnccgagtc aagcctgcgt atcagaatct gagacagcgt gttgacaact ttgttgcaaa 60
 tcacttgcca actcacacat ggagtcgcga tctcaataag aaccagctaa gaaacaacat 120
 tagacaacaa gtccctcaaat cangaatgtt ggagtctggt attgaccgaa ttattttctca 180
 ngttgtggac ccaaagatca accacacatt cagacctcag gtagagaaa ctgtgcatga 240
 gtttttggcc acgctaaatc acaaangaga angaagtggc aacacagctc ccgatgatga 300
 gaaaccaggc acttccctta ttacacaaa tggtctctact cctgggcccc gtgctaatgt 360
 agccaatgat gccatgtcga tattggaaac cataacttct cttaaccaag aagccagtgc 420
 tgctangcct tcaacagaaa catcaaatgc caagaccagt gagagagcgt caaaaaaact 480
 tacatctcat ccaaccactg atactaataa cctgcccggc ggggggtgga 530

<210> 8219
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 8219
 gtccggggat gcacgatga tggctggtgg tggtatgttg aaaggataaa ccacagccaa 60
 atgaaaacac tattgatata gggtatggcg acgctgatat aagtaaagac agacagcagg 120
 gcacatgaca cgacatacac acagcatgga cggcaagcag gaatacagat ctgattactg 180
 agatgtgccca ttattgatgt caagaagggt cacatgatac agtgtatgag tgaaggcttc 240
 at 242

<210> 8220
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 8220
 acatgatata agagaaatgt tccatggta tatatgaact cctaacacta tgatcgtttt 60
 ttttttttta aatgtgggta ttggtgtggt ttattttttg ctgtttactt cttaactgaa 120
 gactgtgtgc gttgtaaaac tgtttaataa aatatatggc attaacttgt atttcaaaaa 180
 aaataaaaga caggctttac actatttcta gggggacact atttcgggaa tgttatgtaa 240
 aactctctat ctageccattg ggaccgatat cagttgattg ggtatcgtct 290

<210> 8221
 <211> 242
 <212> DNA
 <213> Homo sapiens

```

<400> 8221
aacaactcca ggtgcaagtg aacaggaata aaaatgccat cgtttttact aatgaatttc      60
acaaacatat ataagcgaaa taacaatggc agatgcctcc actgtacttg agcaagtcac      120
cactgatctg tttggagaaa ttagtggtga tgtcgggtct ggctgtggcc tgtttctgtc      180
tgatttgtgaa ataggttaggc ctggttatgt actggtgtgt aactccaggt aacggcatat      240
tt                                                                                   242

```

```

<210> 8222
<211> 178
<212> DNA
<213> Homo sapiens

```

```

<400> 8222
gttttatgct tgtgggtttt tttttctct gatctaggtta ttaactacca aataattcaa      60
aacaccaaag aaatcatttg aatggggagaa ggagaaacag gttgaagcac tgacaatttt      120
tgcaagttag aattcaagga ctgtattgta gccacagtta tgtacattat ctacgaac      178

```

```

<210> 8223
<211> 354
<212> DNA
<213> Homo sapiens

```

```

<400> 8223
cactatatgt gccaggcttg gatatatgaa acttgtgtca cttaaaacta aggcgggtgtg      60
tgatattaaa agaggtcttt tacatctgtg ttagctggct tgagaactcg caactttgac      120
tatcttgaat gtgctgtcgg atggatggcc tttgctctga ttaggatccc catggtgaac      180
cctgtgccca cagatggatc cggatgcagt gcacttgtcg ttaatggagc tcgtctgaat      240
gcataggaga tgtggttcac acaacagtgc aagaaaccta cggcctaggt gaggggaatc      300
cacttgcgca cagtgtcttc tatctcacac cettgctcga cgactgcaca gcac          354

```

```

<210> 8224
<211> 450
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)..(450)
<223> n = A, T, C, or G

```

```

<400> 8224
gttccagcac tgagggaaga ctcaagtctc gccatcacat acacctcac actaagaaga      60
gacacatgaa ataattacca tccagtgtga taagtgtctc gacagaggat ggagtggaga      120
ctagtcacct tggggaagac agagaagcaa ggtcccacca agagatgaga agccagcctc      180

```



```

cangagtgcg ctatctgaga gggcaagaga aagaaggcaa aggagacggg tccatacttg      240
aacaacttga aataacttgt ctgcatttca agaacaacct accacagacc ttacctgtca      300
ccttggtctc cccaccaaat ggagatggct ctaatggtgg cacaaccan ggaagggaaa      360
tctgtggttt aaattcttta tgcctcatcc tctgagtgtc gaaaggctgc tgnagctgt      420
atgctgttaa tgctaattgg gatagggggg      450

```

```

<210> 8225
<211> 178
<212> DNA
<213> Homo sapiens

```

```

<400> 8225
aggggtagga agtgagggtg atggatatgg aatgtaatg aggtggtaag taataggaaa      60
tttaaagggg aaggtgaaat gagttaggat gtttgggat gagaagaatg ttatagatat      120
ttatgatatt tagtgggaag ttattgtatt gttatattaa ttttataata gttatggg      178

```

```

<210> 8226
<211> 514
<212> DNA
<213> Homo sapiens

```

```

<400> 8226
ggtggcgagg ctgaggttaa tggatgaagg gtttgtgtgt ctttgagaga tagagattaa      60
tacctctatt tataaaatat aatcaattag ttaataatat attgattaat gtttaagttg      120
ttacgtaatt tttgtttatt atgattttat tagaatatat gaaaacttat aagattataa      180
tgaagaatga aaagatttaa ggttattaca tgatgacggg agttgtgatg agtccttttc      240
atggaatgga agatgtattg aaaagtaata ttgagagaaa ggagatgcaga gacaagaatt      300
aataccaata ggaaggcagt gctttgaaat tataatgaat gtgagtgaat gagcttaaag      360
tataattgaa gagttgttag tgattaaaat aattagaagg cgatcgtttg tgatgagatt      420
taatcgaaag tgattattag aaattgaaaa tacgtgaaga gtggtgtatt gagtttgtaa      480
aaacgttaag ttaacgcatt ttagttataa gcta      514

```

```

<210> 8227
<211> 162
<212> DNA
<213> Homo sapiens

```

```

<400> 8227
ggctcgctgg acgcgcaggt tactatgggt acttaatgta attctaattg actacattta      60
taaattttgg ctatatgaat gtatcatcaa tggaaatcgc atatctgtca aggatctgct      120
ctttgctaag gaaaagtggt agagcaatgg aacgagcgcg tg      162

```

<210> 8228
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 8228
 cagggtaccgg agttggatcc ggctgctagc tacacggagt gtaggggacac tcaaggctct 60
 tacatgctggg aaccgagcac atcatcatgc tgggtacttt ctggccacat cggagactct 120
 gacaattact tgatgctatg atctgactga agacatgaag taagagggtca ctgtgactaa 180
 atatccagaa gcctggaagg agggggccggg agctctcaag aatgggggac aagatggcca 240
 catgagggca gctctgtgcc atatcgccac aaggcgggaag aaagaccaag 290

<210> 8229
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 8229
 aggtacataa aaacgctgct gggtagaggt cctgtggtga cagagtcaaa agactgcaat 60
 gttgatgtca cccggtgaac tcctggtttg tgagagtga tcgggattca atatcatgga 120
 ccttaattgga gtaattggaa gacctcaata aggaaccat tgagcctatg gaaggttt 178

<210> 8230
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 8230
 acaatatggg tcgttctttt atatcgaaaa aagtgttaact taaaaaagt ttatttatcg 60
 tataaaaaata agtcttttac atctgttgtt agctggtagt gaaaacttga aagactcaga 120
 ctacagtggta aacaggatga atgggtccac ctgccttctc cgtttgggag agggatcttg 180
 agggctggga cccctctgcg tcacagttagg ttgagtgcgt tgctggggca gcaggtttct 240
 aaaatttttg ctttcaaggc aaagccatag caggggatgg ggtttcagca caaccagtgg 300
 caagaaaaga ctaggggccc tcggctgatg ggaaatccac cttgtgcacc agcggttcct 360
 cacaactcaa 370

<210> 8231
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 8231
 ttctagggta aaggaaatat cataaaaact aaatataagc agaagctcaa gggatctatg 60

tatgaaagtg ctgggagaat aaaagttatg gaagaggagg aaattctgaa tcaaacacag 120

attctttggt ttctgggcag gattataagt gtgtatagag tgggaagaag ctcatatg 178

<210> 8232

<211> 210

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)..(210)

<223> n = A, T, C or G

<400> 8232

tatggntcag ntctttttata tcgcaaaaag gtgtaactta aaaaaaggt taattttatcc 60

gtattaaaa aaagntcttt ttacatcctg ntgnttaggc tgggtggtgt aaaaacttgn 120

aagcaactca gcacctcaga tgggtaaaaca gnatggaatg gttccaccct cgtcttttcc 180

ttttggcagc aggatcgttg nagggtggc 210

<210> 8233

<211> 194

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)..(194)

<223> n = A, T, C or G

<400> 8233

atactcgggn ggnatggngg nctccatccg gncctcgcggt tccaccttcc atcagatgtg 60

gtatcancaa gacagnagta ggacgagtcc ggccccctcc atcgtccacc gcaaatgctt 120

ctaggcggna cgtatgactt aagttgcgtt tacacacctt ttcttggaaca aaacctaac 180

tttgtcgcag naat 194

<210> 8234

<211> 242

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)..(242)

<223> n = A, T, C or G

<400> 8234

tcggagtctg ntacgcgagt aaaatacgna ccagtaaaa ttgtcaatag ccagtgtctt 60

```

gtaattgttt tggtttcggn ttgttttcta ttagtactta tggtcagtct ccgctgtgat 120
tgcatacctc ctgcatgcgt aggtaattac ggtatgtgtt ttagtggagc tgggtacttt 180
ctaggggatt ttagtcgggg gtgtatgtcc ttgttgggg gctcagctgc tctcctag 240
tt 242

```

```

<210> 8235
<211> 242
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(242)
<223> n = A, T, C or G

```

```

<400> 8235
ggtacaagag agtcatggaa agtatttgaa ctgaaactta atagcgatat tattaatgtg 60
tgtgtggcgc acaatcttgg cctcaaaagg tcatggataa cctgagcatg ctcttattac 120
ataactgtgt agacaatacg accgttcata tacactgctt gctgtatcca cggaagcac 180
acctgtcgca caatgctctg aaacagctac ttcacgttgt gctggacagc tgaagangtg 240
tc 242

```

```

<210> 8236
<211> 162
<212> DNA
<213> Homo sapiens

```

```

<400> 8236
agtacaatta tatggcccca gggatattgc ggagggatgg gtttaaaaa gtctttcgga 60
tataagaag aacataggat gaaatgagtg gtggagaaag ggttacctat agaagactaa 120
ttattcaaat acttcctcta tctatagtat agtatattca ta 162

```

```

<210> 8237
<211> 226
<212> DNA
<213> Homo sapiens

```

```

<400> 8237
gtgtacaggc tggacacgat gatggatcac aggcgctgga tccacgtgta agccaggagc 60
ctcagaacag gcttggcgag ggcgtggatg tgctcgcat gtaagacaag caccaggact 120
cagagtgc ataatcagctg cagacacatc gcacagtgc tgcttcogga gtggagtagg 180
actgccacat atgggagatc aaagatggca ctgaagtaag cgaaca 226

```

```

<210> 8238

```

```

<211> 194
<212> DNA
<213> Homo sapiens

<400> 8238
gagtatttgg ggaacacatg tctaataaat gccatccttg agtctctcat aatcattgat 60
cagtcattgct gttattctcat gcaactgccc gcgaggtag ctaagaatgg gttaacagcg 120
agcagggcag acataccatg cctggatcca atgggataac aatgtttatt tggcgagacta 180
atcttactaa gata 194

<210> 8239
<211> 258
<212> DNA
<213> Homo sapiens

<400> 8239
gtataaaaaa ttggagatgt agggggttgt agttgatgta ttattatttg attttatatt 60
ataatattct atttgggtgt atataaattg atggggaggt gttttttaa tatttaaatt 120
taggttttga ttgattatgt ttatttgtga gttgtgatta tttttgagtt gtgaagtttt 180
gtaatattta gtggtggaga tgggtttttg gtatgtgaat attagcttgt gtgggataag 240
gtggagaatg tggttgta 258

<210> 8240
<211> 290
<212> DNA
<213> Homo sapiens

<400> 8240
caaccttttt tttttttttt tttttttttt ttttggtttt taaggggggg gggccacaat 60
gggtaaaaag gaccttggga aacagggaac gaaaaaaatg gttttaacaa aatttgggaa 120
ccaaagtaaa atgggataat gggggttggg aagaagggaa ttggtttggt gggagccggc 180
tttgggctcc caattccttt tttttgtcct ttggctgggg ttagggaag gggggaggga 240
aaggggcaaag ctccaccctt gggattataa aaacggcaga acaaacatgt 290

<210> 8241
<211> 290
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(290)
<223> n = A, C, T or G

<400> 8241
acatagatta tctgggcgtg gtggtctgtg tctgtgtaat accagctact tgtnaagtg 60

```

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aggtgggatg atcaactgat ccaaggagga caaataggtg acaatgagct gtgatattaa 120
cactgaaatg caaccggagc tgcattgtgaa cctgggtgaa tatacataaa taaagattgc 180
tgcaccattg gatgaagata ggtgatttca tatatgactt gcggccagat gcagtaggaa 240
acatatatct gtgacacgat tctacggaga tgactggagg gagagtacgt 290

```

<210> 8242

<211> 162

<212> DNA

<213> Homo sapiens

<400> 8242

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tactgtgttg aacttcatta ttcaatgtca ttctatgtca taataacaga aaaccctata 60
caatcagagt tgctcaatac tggaccttca tgcaatacta ggaaccgtta cgctgggtgca 120
ttgatacacg cacaccatac gagtcacaat gccaaatgga aa 162

```

<210> 8243

<211> 210

<212> DNA

<213> Homo sapiens

<400> 8243

```

gggaccgcag ggtgcactac aacctacgaa ctacgcgcac caccaactac caccagctgg 60
tcgaacagac gcaagtatca tcacaagcat ggtatacaac actgtctctg gcgacgaaca 120
cctctggagg gacaccatgc tgtatgtctg taggctagtc tagtatcctg ggatattcaa 180
tccacttaat ctgagttatt tagcaagtcc 210

```

<210> 8244

<211> 242

<212> DNA

<213> Homo sapiens

<400> 8244

```

tactcactat cgggtgctgga atcagtttca tagaatgact agctaatagc tgcagggtggc 60
tataaaagaa aggaatgtgc aacaaaggaa atgaatgatg tatatctaca tatgataaca 120
ctgacagctt gtgtaggtag catggagaac agccgaatag gctgatgtga agatgggtctg 180
tgtagggtta aaatgactaa gtaatgtgta ttgtcaaggt atgttccaat acagtataac 240
ag 242

```

<210> 8245

<211> 178

<212> DNA

<213> Homo sapiens

<400> 8245

gtacacagga tatagacaat agggaaaataa tacctcggtc attaacaaca catatagaag	60
gacaccagct gtatcgtgct ggctatcacc tacctgtata taattactta tctgggtataa	120
gctgacaaca tagaccttaa gtgtagggtg gcaatgatgc taggaatctg tggaaggt	178

<210> 8246
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8246	
gtctggacaa ttcactgagc tcgttctctc tctctctctc tgtgtgtgtg tgtgtgtgtg	60
tgtgtgtgtg tgtgtgtgta tctggccttta tgttgcatto tttccacttg ggccactgtt	120
ctgtgccaac atgcaacgca ataactctgtt acccacatto ag	162

<210> 8247
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 8247	
tacatgatgg aaaggaagaa tggacgacga tgcacgacgc tgatgaaggc acagataatg	60
acgaggacga agtgggggga cgaacgaggg agatggatgg tcaactagaat agtatgaccc	120
ctgtgggtggg cgaacgagcg agattgacag acatcacagc cgcctgacct ctgcagtggc	180
aacagatgga ggctcaacag cattaaccac gccaaagcctc gggcagtgtac cagccggagg	240
tgactcaggt gcataagaca gccacagtt gaggcgatga cgtgggggaa gagcacaagc	300
gagaaa	306

<210> 8248
 <211> 600
 <212> DNA
 <213> Homo sapiens

<400> 8248	
gccggtacca taaagaaagt aggattaaaa tctaaaaaga cccccaagc ttttcaaaac	60
ctgatctgag aattagataa gaatatgtca cttagaaga caagcctgta gcaccatag	120
ctctgattaa cctgaaagca tcaagtgtact cctctctttt ccaccttacc aacatcactc	180
taattatact tccaattaga aaaataatgt agcatttccc tggcagtaga gattaaatat	240
gagttcagga atcagctcct ccaaacatgc ataaatgagg acaaggagaa gccagtcact	300
cctgactgca cgtgcaagtg tgtgggcagt tgaaattaag gtaaaaacag tgaggctgaa	360
caaaatcaca ttaagaaaaa gcattctcatg aggettttcg aggtcagttg atgaaggcca	420
gataggagtc aatatcttct catatacccc agctgttacc actattcata ttccaacagc	480

ctccagattg ctcgaggcca cctggttgac ttttaccttg gaggcggtcc agaaaagcat 540
tatttacctt tgtgatattg tcttcacagt acctcgcccg cgaccacgct aatcactagt 600

<210> 8249
<211> 434
<212> DNA
<213> Homo sapiens

<400> 8249
cagggtaccac tatttgttgg agatattgca cagtggaaaa tgacataatc atggatatgc 60
tatggtgtac gctgtatata cagttgaaaa ctatggagtt cgaaatgttg ggggagaatg 120
tgatatgaga aaaaagatat acatgttgga agaacctcta acaaggttaa tgtgcatgag 180
cgaaggctca tgaaagatca gtgtgtaaat tggctttag cttatacaaa aaaaaaaga 240
aataaaaaaa aaaatgacct cggatcgaga cggcgctaact cactatgtga attgacggcc 300
gcctcgcgga tccaccatat gggcatagct accaacgagc aggatgcata gattgagtat 360
tctatagtgt aacctggata ggttggcgta aatgtggtcg tatgctgtgg ctgagagaca 420
attgtatcca ctcc 434

<210> 8250
<211> 258
<212> DNA
<213> Homo sapiens

<400> 8250
ggacgagctc cagtatatatt cgtagataag gcacagatga aaatgacata gtcattccatt 60
gctatgagtg taagcagctc gtacaatgaa aactatggat gttaaatgat gaggaaaatg 120
ccatcgaga aagagagaca tgtgaaacta acagctgaca aaggtaatgt gcatgaccga 180
ggtgatggga gacttcaggg tgtatattac cttctacata atagaaaaca aaagaaagga 240
aaaaaaaaaa atacttgg 258

<210> 8251
<211> 434
<212> DNA
<213> Homo sapiens

<400> 8251
gcaggtgcaa gggcatggtg ctgagggggc agggggaggc tgaggcagcc gaaaacgcat 60
tattttttctc ttgtaatgat aaagataaat acaactacat atacaatata aacattagga 120
aactgagaca aagataatgg ttaaggttat aacgtaatcg taatagcaaa agattataat 180
agaaaaaaag aatacgaaga ctagtacat gaggaaggag aaggaaaaga gaaaatgaaa 240
catgaccgtg gctgaggtga agatgattca tggagaagga aatgtatatg aaagaaaatt 300

gagagagagg aatacggaga cacgaaccaa taccaataca agggcaatgg ttttgcatta 360
 agatgaaggt gacggagaca gataaaggct aagtttaaaa gtggaagttg atgaaaataa 420
 tagtaagggg atgt 434

<210> 8252
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8252
 cgtaggtacg gccctccccc tgtatgcctc ttctgtggcag taagcatgga atattgtaaa 60
 tggtaggact ccagtaattc cttccagtgg ctctactatc aggctaggct cagggtataac 120
 ccaggttatg gcatattcgt aggtagctgc tctctatgtc tc 162

<210> 8253
 <211> 546
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(546)
 <223> n = A, T, C or G

<400> 8253
 ggcagggtgaa ggacotgttt atctctgatt tctggagttc agcnactaga aaccatcaat 60
 agatgtctca caaaacatct ggaacaactg aagacccttg tggggactct ttcagacatc 120
 tttgaaaacc tgcattctga ctcatgtcca gaggagtcag atgtggccac tgattctatc 180
 ccaagagaga tcttggtcac aggaacctgc catttgaagt gtgtgtgtta cggcattggg 240
 aactttgcca cctgcatcgt agctagaaac cagctaactg ttttgcgtct tttgttgtaa 300
 aagtgccaga ttcccagaag tcaactgttg gtatatgacc ctctgtttag ccaacttgaa 360
 attgaagtcc ttaacacctc tgggtgtgact gttctcagtg agaacgagga agggaaacgg 420
 agtatttcgg gggagcccta ccatctttta catgctccat tgtgggacgg ccttgtacct 480
 cgggcgcgac cagccctatc actagggaaat tcccgggggc ctggcggtcg gaccatttgg 540
 ggagag 546

<210> 8254
 <211> 530
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(530)

<223> n = A, T, C or G

<400> 8254

```

cnnnggtgta acatgccata ccatgaccca taacaggggc catgcacacc catcagtgag      60
gaccttcggc ctageccatgg gacttcagtc taactatgtg acgctactca tactaggtat      120
agtaactaac acaatgacta tataccaatg aagacacgat gtaacactga agagcagatg      180
ccaaaggcac aagacaacac cagtgcacaa aggcaccaga tgcggggataa tgctatcgat      240
tacgtgagat gttatttatt tcgcaagatg tttctgagtc tgttagcact ccatgatagt      300
ctctacactc caaccaagag ggcaactggcc aactacgagg gtaacggcgc tcaacacgct      360
agaagccgca ctactaaaca catgcgcaac acttgcataa agaggatcaa ccagcagagc      420
gaaccatagt caaatgagaa aaacacgaaa ccatacaata caagcgctgc ttaacacaat      480
aagaccgggt cattacaata ccaactgtgca tgcacatag cctcccgaca      530

```

<210> 8255

<211> 274

<212> DNA

<213> Homo sapiens

<400> 8255

```

cgggcaggta ctcaccgtgc gtgacactca agcctgactt aacacagtgc atgtcatctg      60
atctacaaga agatacagaa ctggaaatga aaagacatgt ggcgactat cgggcaatgg      120
tggaattgca taacgaacct gtctagttag tctagcgtga tgctccataa tgatgcacac      180
ttggtgcatc atagaggtgt aagcaggaac caagaaccag ccagcagtggt ctacactttg      240
tgattggaca cttggggccg ggaacacgcc tcta      274

```

<210> 8256

<211> 418

<212> DNA

<213> Homo sapiens

<400> 8256

```

agccccccc cccccccacc cgggcccccc aaaccaccaa atgaagggca cgggaggagg      60
acacacaaca cgcccagaca cacagcacag cagggggcgc gaaacggaga caaccccccc      120
cccacggccc cgagaagaaa aacaccacgc cccccccacc gaacaccacc aaaaaaaaac      180
aaacccccca caacaccccc cgggacccac agcccaagag aaccaccagg agaaccaaca      240
accgggggga ggcggaggga ggcggggggg agcagggagg aaagcggaca gccagggggag      300
gccgcgacac ccccgcacct gccgggaaag gcaggcggcg gcaagcagca acaagggggac      360
agaagggggg gcaggagcgg cggggagccc ccagcaaaa ccaaccacaa attccggg      418

```

<210> 8257
 <211> 450
 <212> DNA
 <213> Homo sapiens

<400> 8257
 ggtaatatga tgaataataa agatgatgca aacacagaac atacttagtc agacatagat 60
 gagtacagat agatgttgag gtggctgggg agtcctgagtg ggggatgttg gagaatggga 120
 atacgaaaca gcatgctcta ataattggaca cactgggaga gatgcaacta aggggttacag 180
 actgcaagat gagacaacaa tgagccagcg tacacacaaa agatataaga ggaacacgct 240
 acagaaatca agcaataaga tgaaaaagat aggggtacaaa ccacacacat taacaaaagt 300
 ggctacaact gggagggaatg gagacaagag gctgtatctg ggtgctaagg tgacaagatg 360
 caaggagagg gaagtccat gcaatgatgg aaaggacaga gagaccacgc tgatggtggc 420
 tatggactgg gtaccacat gatcgtagct 450

<210> 8258
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8258
 ggggacagga tacggaggag aactcaatag catggctact ggtgtaaatt ctgcattgta 60
 gatacacgaa gcagccttta cctattactg gagcctgcct tcactaacaa taaatgaaa 120
 agctgctatg cacttctaca gcaggctctg ggattgtcat at 162

<210> 8259
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 8259
 gtaccatttg tggccaattg atttgttggt aaggaggga tcgttgaact tatttgatat 60
 ggaccggtag cgtagggctg gggacgggga cgaggagcac gatgtaggta gggacgatac 120
 atcatacgc ttctatttgc tgcacgactg accatgatag tactagccaa gtgatggt 178

<210> 8260
 <211> 594
 <212> DNA
 <213> Homo sapiens

<400> 8260
 aggtacacct aagttccat gaagtgttt ctcccaggc cctaaagagc aagcctaact 60
 caagccattg gcacacaggc attagacaga aagctggaag ttgaaatggt aagtgaact 120
 gtatccaagt aagcaggtaa ctgggcaaac ttctacggc acaaatggct ttttagttac 180

```

ctcctagtcg tgaatgcatt aaataaatgg cggattcttg tcttggtatg attaataaga 240
aagtttgtaa atgcagcctg gatgatgata agcaaatgct gactgaacat gaaggtctta 300
attagctcta actgactaaa ggcatttggt agttttggca ggggtagaac actcatctgt 360
ggctattcta agaccactct tatttcttat gtggagtcca acttgctcgg accagcttaa 420
tgggtctcgt aagttttaat gaaaacagta gatagactta atgaaaatgc tgatgggtgat 480
atgcttactg ctgagcta at ggcctaaagc ttggctgatg aatactgact gtattttcct 540
tgagcatgtg tggaaacagc gttatgtgtt ctccttgacc gtgggtggga cggg 594

```

<210> 8261

<211> 674

<212> DNA

<213> Homo sapiens

<400> 8261

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gtaccttgag aggtgtcggt aactttcctt gttaacgaaa acagtatatc acattttcct 60
gctgattaaa gttattaatt cagagactga aggggctgga cttgctacct gtatagaact 120
gtgtgtaag gctcttcgct tggagctcac agaaaatact gaagtgaata tatctatttg 180
catgaccatt ttatgtttgt tgcctgatga tctggaagtg taaactgtct tgtcaactga 240
gtgaatatat tattgagtct acagtagatg cgtattatgc tgtggaaatg ttgtataatc 300
agacagacca gatatatgat gaagagaaac ttcctatacc aaattcttta cgctgtgagc 360
tgttacttgt attgaaaact cattggccct ttgatctaga attctgggat tggaaaatct 420
tgaaacgaca atgtcttgca ttaatgggag aagtagcata cattgtgtct tcaataggat 480
gaactaaatg acagttagga tatgaaaaag tggtagacta ccaagaagag agtaaagaaa 540
cttctatgaa tgggctttct ggtggagtg tgctaatttt ggctcttcta aggacttggg 600
gatgaaaaga caaaaaaaga gaaagataaa acaagtaaaa aaaaaaggga ttaatatgtg 660
cttgggattat gtat 674

```

<210> 8262

<211> 324

<212> DNA

<213> Homo sapiens

<400> 8262

```

ggtgaccatg tgagatgtgg attaccatga gcaaaacacg acgaatgagg acacctctga 60
aatatataca aagcaacata ctgatgattg tgataacgtg ccgtaaatgt aactgatctc 120
tctgtcacca atgacgacag agggaggcata taacacaaat ggcaataaag ggtctaggac 180
tggaggatcc agatgagact gaatgaatgc tataaataat cggtggtctac cacgcatatg 240
aatagagaat cttcgtgcga ttagctgggt aacaatatgt gataaccttc atacgcatag 300

```

gaaggatatg tagtaaatatt tatt 324

<210> 8263

<211> 194

<212> DNA

<213> Homo sapiens

<400> 8263

aagcttggtat ttttagttttt tttttttttt tgtgggttta gagggtctca ggggggcgtt 60

aagggtgtgcc agactgtacg cgcatagttc agaaaaaagg ggcttgaatt tcatgtgcaa 120

cttgggtagtg ggggaaaggg ggacgtttga gaaggaggga aaacaggggg ggaatatatt 180

tcaaatcaac ctct 194

<210> 8264

<211> 194

<212> DNA

<213> Homo sapiens

<400> 8264

attggggcaa tctcaaaagt agtaaaattt tttttgtctt ttggcttaac tctacagtca 60

cagcagacca agtttcagct tacatttaatt aggcagaagg ggagaaaaaa aattgacagg 120

aatgaaagtg cgtaagaaca tcacccttag aatcaatta caagggtactt acatggaagt 180

agaaaacat ctct 194

<210> 8265

<211> 226

<212> DNA

<213> Homo sapiens

<400> 8265

ataggccggg cctggaggcg catgcctgtg gtgccacctg cttaggatgc tgaggccaga 60

taaatgatgtg agcctgtgag cgggaggatg gggatacatt gttgattagc tagatgagct 120

tgaaaaatata gagataaaca agatcctaga gtgcataag ttggcatgag aaatggaatt 180

tgtttgtgtg atgaatctga aacataatgt tagtgacagt aaaaag 226

<210> 8266

<211> 162

<212> DNA

<213> Homo sapiens

<400> 8266

aatctatgac tgcatacagt tactaataca aatattaatt acaccacact ttggaagtat 60

aaaaatggtat aggtaattgt gtgtaattga gaggatgaga tgagaggata gtttaggccg 120

tgtcttctgtg cttacatgaa agaagacttg taacaatgaa tt 162

<210> 8267
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 8267
 tgatcagaac acatcagatt agctacagtg ttgggattat ggggtgtgatc tattgctgac 60
 ggattgtgat attgtttgtg tcattatttg gtcactttga tatcgtagat tattattgtg 120
 ttgtgttaat atagtataat atgtgtattc aatcacaaat taaagacaa tatagtgtgt 180
 atcatcaaca gggaatgatg aggaaggagt gtaaggagag atcagagact gcaagagaat 240
 aagtgacagag aagccagcag agataattat atatgtatta tataagtatc agtgtatgtc 300
 gtgggtttca tattgctagg tagattcata aaattgagat ctctgtgata ctatagggta 360
 tatatgttca acttgatatg aaactgtgat gtgttttcca cagcggatga tacggccc 418

<210> 8268
 <211> 434
 <212> DNA
 <213> Homo sapiens

<400> 8268
 cgggtatatatt catagttaag tgataggtagc aattaaaaat tcatggcatg tgattaaata 60
 tctatcgaca catgctctgt ttattatgta attctgatat cttgaactag gatgtggatg 120
 tggattgtgg tctgataggt atctattgga tactactacc aggttgagtt gttcatgatt 180
 gacatggaaa actaccaatt gttataacat ataataatca tctatactta catatgggat 240
 ggttcattag ggtcgacagg tgtgtgcagt gtcccatgtt agtaacttga cttaatgtga 300
 aatttatgac ccccccttgg tgctcctatg tggttagtgg atctattata ttttctttct 360
 gtttggcttt tctctttttt ctgtgttata accgttgtgc ggtctggaga atagtacta 420
 ttttgtgtct gttt 434

<210> 8269
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 8269
 ggtctaattc tctcttttgg aatgtagatt ttttttttac catgctttac gatgtaaaat 60
 atttatgttt tattgattcc tggatatctg gctgagggat tatacatgga acaggaagat 120
 gcgtggtgac tattcttctg ggtgatgttg agagtctctc gtgactgtca tattgtagtg 180
 gtgatcata tttcactctt ggtaggccgt gacttttagg cttagtctcag actgtgtggg 240
 cggcgctcta gatgacttgt gtctgcgcgt ctgtctggag gacagcacta tgggatagat 300

cctaatt 306

<210> 8270

<211> 290

<212> DNA

<213> Homo sapiens

<400> 8270

tgatatattct agaagctgat aattccagtt ctggcgaact aggaagatta gagcaagatt 60

ctcaatcagc gtatgatctt cggagagggtg tgggaatgtg ttatataaca ttcattctttc 120

gggtgtctct tggactaatc aacttatctt ccataagatg tgggttatggg ttctgtatta 180

gtgggtggagg tgggatgaga cgcacttaat catgatgagg attaatattag atattgggtg 240

tgatagtgtc ttgagaattg ttaagcacta ttatgtaata gctattttgat 290

<210> 8271

<211> 178

<212> DNA

<213> Homo sapiens

<400> 8271

gaggctgtca atgggtgttag agaaatgagg gctccctaaa acaattttctt tatgtatatg 60

ttagtcaaaa gttatcatgc tgtgactata gttatagcga tgaagatgaa gaaaaggcag 120

atgctttgat cagtttactc atacaggaag ggatagacat aagtgcctc ttcattgcc 178

<210> 8272

<211> 194

<212> DNA

<213> Homo sapiens

<400> 8272

cggagggata agaaggtaat taagataatg taaaataaaa ataagtgtac aaaaaacatg 60

taaaaaaaca aatatattta gagaacataa gttatgttct tgttgtgtgtg gtggagggtg 120

ggagtgtgtg aggtggtttc atcgtcaaac gaaacagcac gaaataataa agaagaaaaa 180

acaccaaaaa acaa 194

<210> 8273

<211> 258

<212> DNA

<213> Homo sapiens

<400> 8273

ttgatcgaga agatgagaaat gtggcttgtg atttacaaga aatattagtc ttatagtctc 60

agtaacataa tgatcatttg aaaggatatat gaatgtgttg gataacagtt tacattttgag 120

tgtgcttctc tataacatga ttgatctacc ctaatattat gattatgtat ataaggattg 180

ggacatgtgg atcagggtgc cggatttgat ggtgacgatg atatgtgatt atgggtgtga 240

gagtgaatat tgaaatgg 258

<210> 8274
 <211> 498
 <212> DNA
 <213> Homo sapiens

<400> 8274
 aggtactagg aaaaggcctg gctgccatcc atcgctgcct ctgaggggtg agaaggaggc 60
 gggatgatgt ctcactttctg atcaacatgt gttgcctcct ctcagccaac ttctagctca 120
 ctgcactcac tctgggtcatg ataaatgttc gtcaccttcc tgccttcatc cttaggggcct 180
 aaatcaggaa gctgttttat cgatgggttc cttttgggtc agtaaccagc tttggataat 240
 ttccctctgat tattcaagtc gtgggacagg taaactacat tcagcaggaa cttttctcga 300
 ggagtggtat gtcattggaa agacaccaa cacagcaagt attttaataa ataccaccac 360
 ccaggggggt cagtaagctc tgcctggcaa gaagacacag tgagaggggt ccagagtctc 420
 tgatgagggg ggggtgtgggt acttgtagac cctaactatg gcaggtctgg gtcaccttta 480
 gaaactctca gagaaact 498

<210> 8275
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 8275
 ggtacatata atacagctctg tcaagagaac tactgggttaa ccaggaaaac ttggcatgat 60
 tctcagcgat attgtgttct actgaaaggt acaggaatgc atcagataaa atataaagtg 120
 tgatgtgtct ttgcgacagc gtcacgcatg tgccttaaga tttagtgtct tggatccgaa 180
 aagagggcgg tgtggcatta ggctcctgta ggcagtatga ggatgatata aaatcatggg 240
 tgtgaacctt ggctgctg 258

<210> 8276
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 8276
 gccgccccgc ggccagggtg caatgacacc tttggggaag gaaaagaaag actaccgttc 60
 tcacccccctg accatttggg attagcctgg ctgccctcaa aaacttccca cgctccccctc 120
 ccctgcgcga cctcctctaaa gatgacctgg atactacgtt gcctgccccc accccagtta 180
 gcctccccct actcctctgg cctacggagc gcgcacaggg cgcatgtacc tctaagaaa 240
 tt 242

<210> 8277
 <211> 162
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)..(162)
 <223> n = A, T, C or G

<400> 8277
 tatattaata tntgaatgtc gttgtgattc ttatgggtact gtgatatatg ctatagaaaag 60
 atggattgga gggtttgaat aggttatggt atagtcagga gagatagaaa tgggtgatgg 120
 gaaatggctg tggatatgata tgatatgtta ttctgatctt ca 162

<210> 8278
 <211> 402
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)..(402)
 <223> n = A, T, C or G

<400> 8278
 atcatgaaat atactctatc cctcttctgc ttaatataga tctgatctca tactgactta 60
 gaatacaatg atatatgtag tgtgtgagtc gtgcagtgga aaggtcagga atgatagtga 120
 tataggatat agtcttctgc tgggtgacggg atattgagtt tctattatct aacttagtgt 180
 cacaatcttg aagaagtga tagtttgaat cagaccagtt atcattcttg atggaggaaa 240
 agggatgatg anggtgggtg aacagcatct cctttgctgc ctctctgcct ccactatcct 300
 gtccccatga ggagcggaag aaccgttatg actgatgagt ggttctactgc atccctttct 360
 cctggcgtgg tcttggctct agctgcactc tttaggggca ga 402

<210> 8279
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 8279
 tgtattgaag taccaaatct attgatgttt ggtgctgata aagaatgtag actgtagaga 60
 ctacagctaa ttacttgctc tacttaatga tgtcctatgt tttattctac atgcaaaaag 120
 aatgattgat cttcagcat tgttaaatgt tgtgggcggg aattattgtg gacagatgat 180
 tcttgatttt gagtctatc agatgtgcat tattgctgtg gaaaggcacg aggcagctgt 240

gtagctctta taaataagga tcaaatatta gctt 274

<210> 8280
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 8280
 gtgatgaagt taaaattatt gagtgggtgc agaataagag tgtatacagt agagaataga 60
 agtaataata tgggtctactt aatgatgtcc tatgtaatat tcgacaggca aaaagaatga 120
 ttgatccagg agggatgata aatgtttggg gcggaatata tagtggacat atgattcttg 180
 aattagagtt atgg 194

<210> 8281
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 8281
 tttggatgta ggacaactca ttgagaatg gtatgatgaa tggattgaat ctactgggtg 60
 ataaatatgc atacaagtga ccagctactt ggcgtcaatt caaataacta ttgataatat 120
 aacaaatccc aagatggcat ggtacagaaa agtggatgat gtgcatactt aatgttca 178

<210> 8282
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8282
 cacagcagag ggcaagcgga cagcagcag agacaaaaga caaaaacaa gaaacacgaa 60
 accaaaaaca acggccaaac gcaacacaac acaccaacac aacaacacac acacacacaa 120
 aaacaacaca acgcaacaaa caaacaacaa caggacacag gc 162

<210> 8283
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 8283
 gcaacacgag ccccatcac acagcacggg ggcaaaagcg agagccggag gggcaccggg 60
 cgaccccgcg ccccgccgca gcaaaaaaa ccaaacacgg gcaaaaggag accctaacaa 120
 gccgagaagc aaaacgtcat cacacgccac cccctgcgca aaccgcggg gaggagcaca 180
 acaagaagca cccagacgcc ccagccaacc cccagagcc ccgtaacaaa cgccagaga 240
 gg 242

<210> 8284
 <211> 530
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)..(530)
 <223> n = A, C, T or G

<400> 8284
 gggcaggtag aagtgtgcag agctgggcct tcattccaca ggacataatg catggacaat 60
 ataattgttct acagaaagat catgccaaaga ccagtgatcc angaagatca tggaaaataa 120
 tgcacatcag tgnacaaga gaaccatag agcttaaatg tgtgtctgtg acaggattca 180
 ctgcaactgt tacttgggaa gtggaaagga tgggctatac cattaccctc tgggatttgg 240
 agaccagggt catgcagtgt tcttcccttg gcacaaagtg tattcctgtg gacagtagtg 300
 gagaccagca gctgtgcttt gttttgacag agaattggact ctctctgatt ttgtttggtt 360
 tgactcaaga agagtthtta aacagactca tgatccatgg aagtgccagc actgtggaca 420
 ctctttgtca tctcaatggc tggggaaggt gctcaattgc catacatgca ctataggccg 480
 ggatagaaaa tcgtcagctg gacacaggaa atttcttttt ggagagcaag 530

<210> 8285
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 8285
 acaccaaaaa gtaaacatgc aaagagggcc gaacaacagt cataatgata aggtctgaga 60
 acaaaatcag gagaggatag tgctaaatgg ctgacaggat attagccata cgacattaac 120
 tacatctggt gaggaggcta catgactgga gaggcagcaa acaactggaa gccaaagaac 180
 acctcaatgc atgactcaga ggggatagca gcagaatata ctgcaccctc ggatccgaac 240
 taacatcaag gatataggcc taaagaggat ggagcttcta agatgttatg aactggtacg 300
 agagca 306

<210> 8286
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 8286
 tgagaaggcg cggggcccg gactaggcgt gagccgggga gggtagactg gggcgagct 60
 ctgcggcact cgtctggtgg taataataa actaaacat gggtcacaag gtacgatccc 120

taatgaagct cgcagtagga caaaaatgct cgcgatgatgat gtcacttccct tctgttgcca 180

gaactttgcg tcgt 194

<210> 8287

<211> 178

<212> DNA

<213> Homo sapiens

<400> 8287

cagttgcagt agtataaatc cgaccgtgcc tggcccagca ggaccccccag gtggacctgt 60

tgaccaaacc accagcatct ggggccgtgt agtacaggta cctgtgtcga acgatagtgc 120

caaaaaactg caagtaagta tgggtgggata tagacccac cccactaaca cagtgttt 178

<210> 8288

<211> 194

<212> DNA

<213> Homo sapiens

<400> 8288

tgtgggtggct gtataggcaa gttctagcag ccttcttttc cgacagggtcc ctttccaata 60

ccaaccgctg gttgctcacc tgcattaacc acccccacgt gcggtctgtc ttgggggaag 120

tggaaatggg tggagatgat ggcctgagtg ttggatgggt agaaaaggtt tgcgaggagg 180

gacgcgtagg cgta 194

<210> 8289

<211> 210

<212> DNA

<213> Homo sapiens

<400> 8289

agcttttggt tttttttttt ttttttttgg gaagggatga tgtgattttt tcttttataa 60

catgattttt aaagacatta tgcattgggg taacattccc ttgaaagggg gcttgcaagg 120

gttatgagcc tctagccgag ctggaatctg gaggaagagg cagagaagct tggggaaaaa 180

gaggcagggg aggagggggg gggcataagg 210

<210> 8290

<211> 162

<212> DNA

<213> Homo sapiens

<400> 8290

tggttgataa gggtagatgt attattattg tttttgattt tcatgtttgt ttttttaatg 60

atttgattat agggaaatat tatgtaaaat aagtgtggat aacaagtatt gaatagggaa 120

ggggatgggg attgtggggg agagagttag ttgatagtga gt 162

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<210> 8291
<211> 162
<212> DNA
<213> Homo sapiens

<400> 8291
gttgtagagg ttgggtggtg ttatttgtaa aaggggtgaa ggtgaattta gaatggactt      60
atttggtgtt gtgttttagga ggttaaaata atataaatga aagagtggaa gaatagtaaa      120
agtaaggggg aaggagggat aagggattgt ggtttgggtt gt                               162

<210> 8292
<211> 514
<212> DNA
<213> Homo sapiens

<400> 8292
accgtttttt tttttctaga gtcagtaaat ataagcttga gttgaagac ttactatt      60
cctgctgcta caatttaatt ctctaataat aatattatat tcagagtatg gcttattaag      120
tacagggccc acatatgaa ccaagttcat gcagatttgg attgaagta atactaacc      180
aattacaggt tgactataac ttgactotta aatttgatat tatcttcaaa attataaata      240
gattacagag atttagaact ggttataatt tagtaagatt aactttgcag tgttagaatt      300
tttagcaaca aatttttaga attttttttag caaaaagagg aaatacacat taacaataaa      360
atatgctaga ctggctctgt tggctgaaca gagcatcatg tggtaaaga actgtagaaa      420
cgggcttacc aagggttgaa ttctacccac tgctctccgg tgatgtagct gtgttatcct      480
ctctgctgta ttctcgggtt ctcttagggt catt                               514

<210> 8293
<211> 210
<212> DNA
<213> Homo sapiens

<400> 8293
gggagcgtag ggagctgacg tctttccgtt acaaccctga gttctactct ggcattgggg      60
actgtgaggt acacatactc aggtccaggg atggaggggt ggtcagggac gctataggtg      120
accttctggt tgtatatacg ggtgtgtgct taacagccaa agtttacctg agtccgtttt      180
cttgggggta tgaacagatg ctgtcttgcc                               210

<210> 8294
<211> 242
<212> DNA
<213> Homo sapiens

<400> 8294
tctggagtcg gcaggatagc ggggaacagc actgggcttt ggggaaagga ctcgattagt      60

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agatcgagag  tattcgtttc  tatgcattat  caccagcgcg  gcatgcatat  gttctagggg  120
cagatcattt  tatatatctg  agttatttag  gttgattcat  tgcagggggtc  tagttacatg  180
gaatgagggg  agacatgagt  tctgtaatta  catgagagta  ggtaatgggg  ctttcttcag  240
ag                                                    242

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<210> 8295
<211> 258
<212> DNA
<213> Homo sapiens

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<400> 8295
gagtgagcat  acattaggat  agggatggat  gctagtctaa  gtattgtcga  tgtgcttact  60
actacctcct  gtgatcgtaa  aggtgattga  tatataggag  tggctctgtc  atgtacgtgt  120
atgagacaga  gtggatgggt  aggttaagaa  gatggacctg  ttgcgcgcgc  ttttgcacat  180
ggtatagata  gatggtgatg  agtgcagaat  aatctgatgc  ttatgtgaat  gagtacgagc  240
tggatttgta  cagccgggt  258

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<210> 8296
<211> 354
<212> DNA
<213> Homo sapiens

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<400> 8296
ggcgcaaggc  agcactgggt  gtgcgggcat  tcgagaccct  gcgctaccgt  ttcagcttcc  60
cacaattgaa  ggtggagctg  ttgcggttgc  tggatgctgg  cactctctac  accttcagggt  120
accacgagtg  gtcccagagg  ctgcgcatct  acagactatg  cccgctggcg  ggaggctcag  180
gtcccgtacc  gtgtgcaatg  ggcgccccgc  tatgaactct  acgtggtggt  gccacgagac  240
tgtccccgct  atgatcctcg  ctttgtgggc  ttgcgctgga  acaaagtggc  ccacattgtg  300
gagctggtag  cccaaagaat  atgagctcgt  ggtgctgccc  gagggcctcc  gcatt  354

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<210> 8297
<211> 162
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)..(162)
<223> n = A, T, C or G

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<400> 8297
aaaaaagta  ccacctgagt  cagtgggggc  cacagattgg  tattaatgag  atacgaaggt  60
tgttggtggg  tgggtgtgtg  ctggagctaa  gtggataaga  atgtagtggg  agtggaggta  120

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agaatgggtg ggggtaaaagg aaggggggatg ggagggcggg gg 162

<210> 8298

<211> 354

<212> DNA

<213> Homo sapiens

<400> 8298

tcaaatgtag agtagagagg gaaggggaagg agaagggtggg aagtgaaaaa agaagatgaa 60

aggaggatat agagcagaaa aaagaaaaga tgagtatttg tgaaggggga ggaaaaaaag 120

aaaaaaagat tgaaggaggaa gaggatttat tgtatagaag taattgaatg agggaaatgg 180

tgtgtttgtt tgatttagat ttgtatatat tagtaaatta tagttggggg tagagaattt 240

gtatgatata ggatgaacaa aaaaggggta gagagagtta tatgtcataa ttctgaattt 300

aattgtgggtg tggagatggt aattaattat ataaaggaga aaataagttg ttaa 354

<210> 8299

<211> 194

<212> DNA

<213> Homo sapiens

<400> 8299

tcaagtgtatg acccgtgagg tgccgtgagcg tatttgacgc gtttctgatg attctgcggg 60

aacagtgggt catgtgccgc tagaccggcg agctcggcga cttgagtgat gacgacttgg 120

acgtgggtgc caacgacaaa gagaagtgtg agacgttagc cggacacgtc tgagccagga 180

gggaggtggg gttg 194

<210> 8300

<211> 226

<212> DNA

<213> Homo sapiens

<400> 8300

tctgggtact atgtgacctc agggagaagt tagtaagata ttgtgcatac acgttattag 60

atgggcgtac aagtgcatac aagtgataaa agaaggggtg gaagagatgt ctgaatccag 120

aatcgaaggc gatcaagaat tactgaaagc agttgagcga ggagaggtag gttttagtga 180

gccgcgagaa gaatcgctat ttaggaaacg gcaaaactggg agtcgg 226

<210> 8301

<211> 533

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)..(533)

<223> n = A, T, C or G

<400> 8301
 tacactacac cagccgccag ctctgcccac cagacaagac catggagttt ggccgagact 60
 tccggatcaa gcactatgca ggggacgtca cgtactccgt ggaaggcttc atcgacaaga 120
 acagagattt cctcttcag gacttcaagc ggctgctgta caacagcacg gacccacttc 180
 tacgggcat gtggccggag gggcagcagg acatcacaga ggtgaccaag cgcacctga 240
 cggctggcac actcttcaag aactccatgg tggccctggt ggagaacctt gcctccaang 300
 agcccttcta cgtcogctgc atcaagccca atgaggacaa ggtagctggg aagctggatg 360
 agaaccactg tggccaccag gtgcatacc tggggctgct ggagaatgtg agggctcgca 420
 gggctggctt cgcttcccgc cagccctact ctcgattcct gctcaggtag aagatgacct 480
 gtgaatacac atggccaac cacctgctgg gcttcgacaa ggcaggcgtg agc 533

<210> 8302
 <211> 594
 <212> DNA
 <213> Homo sapiens

<400> 8302
 tcagggtggc gtccccctct cccttgccct tctctgcacg gtaactccgt ccctcggcat 60
 ttctcaatac cccttgccc tagatccaag cctgtctctt gaggaacaac cgcgcagacc 120
 ctgcctcttc tgaccacacg acccgccctc agccacttgg tctggctcga gacccctcag 180
 agcaggaagt gaatgaattg tgtcagtcgg tgcaggagca tgtggagctg ctgggctgtg 240
 gggctgggccc cagggtgaa gccgctgtgc gccaggccga ggatgccatc caaaatgccca 300
 acttctctct cagcattctc ccattctat atgaagctgg aagctcccca agccatcaact 360
 ggcagcttgg gcagaagctg gaggggcttc tgagacaggt ggcgaggtc tggcgccagg 420
 acatccagga cttcactcag ggcaactgg acacagcaag gagcctctgg ccacagatgc 480
 tgcagggatt cagggtgagg gaggagatag agggggtctg gcagggtggg aggggctccc 540
 ggagctggtc ccagagcagg ggtgggagat gccttggtt agctcaggga gatg 594

<210> 8303
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 8303
 aggaggaagg tggctgggtg ttagcaagat agtagagaga actatgtcct gatectctga 60
 taggaaatgt gaagacggga tgttttgatg ggtcccaggg agctactgct tggtagaggc 120
 cccaggagga gggccaaact ctggacctca tttctgcagt gactaatctg gatgtacg 178

<210> 8304
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 8304
 ggggtgacatg tcagatcttt gtacgtaatt aaaaatattg tggcaggaaa aaaaaaaaaa 60
 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa agaaaaagaa aaataagtaa 120
 gggggccgga ggggtattcc ctttagggag ggtgaatgtt tagtttgag gtgggcgg 178

<210> 8305
 <211> 642
 <212> DNA
 <213> Homo sapiens

<400> 8305
 agttttctt aaggcatcaa gagccccagg ctgaaaagca cccagagct ggagcttata 60
 gaaccagggg cagcagggtc tccaaccttc tgacatcatc agagcacagc agacaagtta 120
 tcagccacta gatttttttc cccctttctg aaactgtaac ctttcattcc agccattccc 180
 cagagctgga cagaggacgt ggctggctgg ctggtttctg tagtcagaat gacagttggg 240
 tgatagatct ccttcgtgaa gcaatgtctt agctcagtaa ctctcgagag aagctggctg 300
 gttcaggatg tggcttatgt aagaagatgg cctggcggtt ttacgcgcac tgggtgggtga 360
 ggctctgaaa gtggtagaag ggaattcttt cctagagttc agctgccgcg tgtctgctc 420
 ctccggggaa atgctgtgag atctgcattt agcctgtgtg tgcgtattgt ggttctgcgc 480
 ctctcctggct gtgtgagctc agacaagtca cccaccacct ctggggcagc ttcctcatct 540
 ggagaagggg agagtcccc acacattggg ctggtttgtt ccatggagtg gctgacaata 600
 accgacacac acgagacatc agtagcaggt gggtttctcc cc 642

<210> 8306
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 8306
 cgttcttcta aggcatacaag agccccagg ctgaaaagca cgcagaggt ggagcttata 60
 gaaccagggg cagcagggtc tccaaccttc tgacatcatc agagcacagc agacaagtta 120
 tcagccacta gatttttttc cccctttctg aaactgtaac ctttcattcc agccattccc 180
 cagagctgga cagaggacgt ggctggctgg ctggtttctg tagtcagaat gacagttggg 240
 tgatagatcc ccttcgtgaa gcaatgtctt agctcagtaa ctctcgagag aagctggctg 300
 gttcaggatg tggcttaagt aagaagatgg gcctggcggtt ttacgcgcac tgggtgggtga 360

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ggctctgaaa gtggtagaag ggaattcttt tctatagttc agctggccgc tgtcctgccc 420
ctcaggggcaa atgctgtgag atctgttttt tagctgtctg tgcgtattgt ggtgctgccc 480
cttcctggct gtgtgtactc cgacaagtca cccaccccct ctggggcggg tttcctcatc 540
tggaag 546

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<210> 8307
<211> 370
<212> DNA
<213> Homo sapiens

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<400> 8307
atgctcgatt gtgtaccatg tactggagaa aaagcatcaa gttcttaaac catgtagctt 60
cgtaccttag tacgcacccct ctatctgtgg aggcctcaacc aattattagc cagcagacag 120
tatatgcatt gaaaatggcc taatgtcata taactgatgg ggggtgaaac aggatggccg 180
aggaagctgt gagggtggtat agagctggct tatcattctg tgcgtctctc atctgtccat 240
accgcttcca ggttgcatca ctctcacagc gtgtgagtga cagtatcagg atgggtgccg 300
gagtcctcatg cgttgtgttt atgtataaag ggtgcagaga gattcactga aacagatact 360
aaaggataac 370

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<210> 8308
<211> 450
<212> DNA
<213> Homo sapiens

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<400> 8308
gagtgagact ccggtggcag gaacaaaaac aaagaaaaac gacacaaaaa aatataaaaa 60
cacatcagct tgacattttg gaggcattcc cagactcagg gttagtccagc agattagcat 120
ttaagaagaa agtcttgtcc ctacagattg cctgacctca gctaccatg aagggtggga 180
agaggatgct tgaggaagaa gtacaggaag gggacaacct cctcagacct gataggacac 240
tctgtctcc accctgctc ctgactgatt tactctcggg ggtgtgagga cctctgagat 300
aggcgccagg agtctcacgc gcggcactga tgtctcaagg gtgaccgag agtcgctgaa 360
acagatacta gaggaggggc aggtgatagg ataaagttag aggtactgag acttgctggc 420
gtgggtgagc ggctccgggg gggccgaacg 450

```

```

<210> 8309
<211> 642
<212> DNA
<213> Homo sapiens

```

```

<400> 8309
gccgccactg gtcgaactcc attgtcgggg ggcctctacc agccgccctt ggcgaagtcc 60

```

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attgtcgggg ggccctctacc agccggccgt ggcgaaactcc attgtcgggg ggccctctacc 120
agccgccgct ggcgaaactcc attgtcgggg ggccctctacc agccgccccc ggcgaaactcc 180
attgtcgggg ggccctctacc agccgccccc ggcgaaactcc attgtcgggg ggccctctacc 240
agccgccccc ggcgaaactcc attagtgggg ggccctctacc agccgccccc gtgaactcca 300
ttgtcggggg ggcctctataa ggccggccgg tgaactccat ttgtcggagg cctctataat 360
gcacccctgg caaactccag ggctcgactc aggtcggatc gagcccgctc tgggggtttca 420
ctgaaatcgt cagcattttc agagacagca ggagccctgg atgaaaggaa gactggcacc 480
cttgtgtggg aaggaccctc ccccgatttt ggaacagagg aggcagagct cctcctgaaa 540
ggtggcaccct gcccggggc tctcctggtt accccggagc aggatgaggc caggaggtga 600
gcgatgaggc caaggttggt aggaaaggag gggcagctgg gt 642

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<210> 8310

<211> 370

<212> DNA

<213> Homo sapiens

<400> 8310

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gaggcccgac ctgggaaggc tggcgaaacgc taaccggagg gtttttcttc cagacttgat 60
tccgggatgt tgagatcggt attcgaaata gactagcatt cgagtcgcct gtgatggagg 120
gagttcctgc accgtagggc tggcctcatt tattctgcaa atgtttattg ggtccttgcc 180
ctttacaaga tctgtgctg tgagcaggat cagggcttct atgtgaaat aagtcggcct 240
ttggttgacc aactgaaact cctctgaatg gaaaatcaag aaatttttgg aaaacttagt 300
aaaatgttca atgagttgca tataagtatt ccttgtttag gtacccctga ctttgtgaac 360
ttgagattct 370

```

<210> 8311

<211> 434

<212> DNA

<213> Homo sapiens

<400> 8311

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ccagagcgag actcgggtct taaaaacaac agcaacaaca aaaaagattt gatgcctctg 60
atggagctga acatttatta tacagcaaca gcagcaagga ttgctggtgg gcagactaca 120
ctgtagggca tctggtcttc tgtagagtc tgaaggacac tattgtcaga gctctgccct 180
tttgaatga agaaataatt cccagatcca ggaggggaaa caggtgttgg ttgaggttcc 240
ttgcagcagc tttctcgga cagtogagac ttggggaggct ctcccggaag ggggcatcat 300
ggagctgagc ctgcccactg ggtattccat tgtctatgaa ttgaacagga ggagcttgaa 360
gccattgag ctcatgcagg taccaggaga cgaagagggt gtgcataaag acatggaagg 420

```

ggtggtggtt aggg 434

<210> 8312
 <211> 482
 <212> DNA
 <213> Homo sapiens

<400> 8312
 cacgtttcac agatgtggca actgaggctc agtgagggtga cctgcccaaca tcctcaggct 60
 cagcagttct caagcactac tgcccactgt acctgattgc ttgggtctgc gcctggggccc 120
 ccgcctcttt acaaaagggt caggcctctc caagagctgg acatgaagga tggggcaagt 180
 ccagctctga tcggtaatgc ccacttgaca ctcccaggag cagcatcata gcattttatac 240
 aactccttgt ctcattcccg atgctgggca cacaggccat atcagtggac tcccctcacc 300
 cgtccattca gttacaccac ttaagcctgc ccatgaagac aatggctaag gtgacagttg 360
 gttacataaa ttgaagatga gtctctctc cagatgcctg gtcctggaag aaatttaata 420
 gcaaagacga gaagaagata caagtcttta atagtctctc ggggtatttc tcacccaaac 480
 ag 482

<210> 8313
 <211> 466
 <212> DNA
 <213> Homo sapiens

<400> 8313
 gacatgcccc aggggacatc agaggctctc ctgcatgggg attaacagga gaggaggaag 60
 ccttgacatg tccaataaac tcaatcatct ggaagatagc tcaatagggt tacccttgac 120
 ccagcattgt gggagaagat atgtctggaa tgtgtatata tgccggggagt gagaaggaa 180
 tgtcagcagt caggatgtct gcagatgggg aattagaaat ctgtcttagt gttgggtggga 240
 gccagttcaa aagagacttc agaaggattg atggtttaga cggggatctc atataggacc 300
 tgttttagatt aacttcagtg gaatgagggg tgatgtatta ggataatata gttagctgta 360
 accagcaact gagctgtaac aaagccactg acacttctca ctcatattct atagtccagt 420
 gagggctctag gggacagggg gtgctctgct cctccattc tttctg 466

<210> 8314
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 8314
 acagtccggt accagatgac cccatctgcc atcaagaatc aataccacac actccatcca 60
 caccactccc agccttgaga ggggctctgg ccagctctgc taggtctgag ctgtgtctat 120

```

gccccgatgt ggcagataag gagaacccatg gtagggagccg taagcagctg tgcgcaggca 180
gccagaggggt ctcgagggag gaagggcgagc gggcgggcgag agcctggcgg cgggccacag 240
cttcaagagc ccaagccagc ggtgcggcta tccgggggat ccatatagag agggaggtgc 300
ggcgcacggc catctagagg gg 322

```

<210> 8315

<211> 562

<212> DNA

<213> Homo sapiens

<400> 8315

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gctgcagcca agattctggg ggctgggggtg gcgggtggag gtggggttg agggagcggg 60
aggaagcagc cagaactacc aggcggcatt gccagcttc ttctgcttg ccgctccccc 120
cgccagcggg ccggctatct ttggcatctt ggcagctgag ccccccctgg catcccccca 180
ggccccctgg cccaaaccag gttgtgcgtc tctcaccgtg tccactggc cttegatcct 240
catttgctaa atatctgcga aggcagctcc cgctcccca gtgcctacgc gaatttaatc 300
ccagagcgaa cagacgcgga gcccggggag actgcttcac gtcagagatg aattgtacgt 360
aagtgaggac aggggtttgta tcttgacgct gtaattcatt aagatgaggt cacgcaggag 420
caggggagaag cctaattcaa tgactggcat ccttataaga aggaaatctg gacacagaga 480
cacagggcac gggcaagtca caacacaagc agagactgga gtgattcatc cacaagtcaa 540
gtgacaccag ggatgggcag ct 562

```

<210> 8316

<211> 418

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) .. (418)

<223> n = A, T, C or G

<400> 8316

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tgctgatctg actgtctttt tagtgggtcac actatcetta ccttctgtgc ttaccattct 60
cttgtttact aatatgatag agtacatttc tcatgtctct ctaagaaaga ttgttaatgt 120
atggctgggt ctgcttcac ttaaagtatt tatactgtat gtggtcttct gctaatctac 180
tgatatctgt ggtatgatta ttagaatcat atatatttgt gcttgtggtt gaatgtagta 240
ttctatcatt tggcatagtg ctcataattg ctacattgag ctctgcgatg acatttggat 300
gctttcttat tttatgctag tagtatgtgt gtgaggacag attagtgtac gagaatcact 360

```

ggaatgtggt ggtgagatat atatatnttc tccatatcta agtaagggat tatatttc 418

<210> 8317
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 8317
 accttctgtg taagagtcag tgagagtagt agattgagat gtgagaaata gtagagaatt 60
 agatataatg gagaagttgg ggtggggtgc tctttgagga ctagnetctg ttcgtgtgcc 120
 ttgtgatgcc ttcagggtgc tgcctttgtc tgcgtgcggg tggatgttta gggtgaccag 180
 tggctggatc atgtgcggtg catgtatact tgtatttgat cgcaggtagt tatagaatta 240
 tt 242

<210> 8318
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 8318
 ggcgaatgcg agtgaacctc gactggtctt cgattctact aggttgctac tatgaccaat 60
 aaccacccat aagaacctca ttgtttacta ttggattgac tgtgtatata caagacagat 120
 atctcccttt atggaaggag taatatgatg aatcggtatg gsatgggttg cgggtgtcttg 180
 gtctgtgatc agctagttaac tattgaattg ggggcgcgt gcatgtcgat catatgggca 240
 gaaagtccta gcgtggtt 258

<210> 8319
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 8319
 ggtactgaac agggaaagca tacctcacca cagcgattag catagtgtt ccatgcgtga 60
 tgtgacgcc tctacttaca aggggtggca tttatatcag taacaggatc actggtgtca 120
 tcatgagtag ggtgatatac atcaataccc aggaccaagc atgatcatcc tgctaatact 180
 gtcatgatgt ggggtgggat gttccagaca ggaaccagag gacaggagcg cagtaccatg 240
 acaagcaaga tgaccagatc cttcacagac ataggggaaa ttataatgac tctgcctttg 300
 gactataggt ataaataatg gaatggtgaa ggcttatgga catgtgtgtc taagggtgaca 360
 tgtaagcgaa tgatgagagg tgacttgagg cacgggtccc aaagaatctc acgatgtaag 420
 ctgtccggcc ataagtgtct gagacagaac agataggacg agtaaccaat cggaggggcg 480
 caactcacta tacaactatt ctatccactg tggaacgcac gattgtgtgg atggtacaga 540

tacggc 546

<210> 8320
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 8320
 gtactatctg tgaagttaca cttttttttt tttttaagg tagagatgtg tgtgtgtgta 60
 ggtattaaag atgtgttggt ggttactaaa atggattagt gggagatgag ttatgaatgt 120
 agatgtattc agaagtaggg tgacagattt ttgggtgaca tggcgtgggt ggggggaaat 180
 acagtggagt ctgaagggtc ggggagcgaa gaatggcaat atcatcgac atccgtgctc 240
 cacacagcgc tagtgacaga tggagacctc atag 274

<210> 8321
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 8321
 gccgaggtag atgcctgtat acggacatcc tcttatttaa gtgtttgtct ctttctgcat 60
 tggggactcc agcaccctaaa catagtctcc tagtatacta gttgggtgcc aataaaaagt 120
 agctattatt agaaaaggaa ggtgaaattg acatggggagt tagtaaaatg tataaggaaa 180
 atgattttta taggggaaag gtaaaaggatt ttctggccgg aaaaagcagc aaaggacaag 240
 tattacttaa agtcttgtag aaataacact tcttctgtct tgtacctggc 290

<210> 8322
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 8322
 gcccgggcag ggtacaagct tttttttttg tttttttttt tttttttttt tgggttcaag 60
 ataaaaacaa agtacaaaag gaaaatgggg tgctgtctact aatgcacat acaaaccaat 120
 agcactgcgc acaccgcaa ctcaagccat tccaaccaa ggaagaaagg ctggcggttg 180
 caccctctga gggaagggtc ggcttgtaaa acagcacaat tcggagtgga atgggaaggg 240
 ta 242

<210> 8323
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 8323
 ccgcgtcggg gcagggtggc ttaacgaaaa ctggaaatgt ctgttgatgg ggaagaaaca 60

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agagctaata caatagctag gagcaataa tatttctctt atatagcttg aaggtagcag      120
gtacagtatg taggtacata gtgaaagaag gattacgatg gtaatgaaat aatttgtttg      180
atacgctaata ggctataggg gatattgtgt aatatttgta agttttg                      226

```

```

<210> 8324
<211> 290
<212> DNA
<213> Homo sapiens

```

```

<400> 8324
acaagctttt tttttttttt tttttttttt tttttttttt ttttaagca ttaattaatt      60
accacacttt agaagtatg ttcgccggtat atatggaacg taggggggcaa taaataataa      120
aaggaggcgg gaaaaaaaaa acagatacgg ggaacatagg gggccccgcg gctccagggg      180
cctcgaaagg tctatcgagg gacccacccc cccaagaaga aaaaaacccc aaaagccagg      240
ggaaaacccc cggggggggg gtaaaaaggg ggggaaggcc cggggctccc                      290

```

```

<210> 8325
<211> 226
<212> DNA
<213> Homo sapiens

```

```

<400> 8325
agtcttattt agcaccocag ccatgtagac ttctcatgct ggcccttctt ggcattctgct      60
cttctcactg tcatacattg tgggaagggt taggggagtg taagttctca gtataagtaa      120
gaaccctgtg tgagaccctc cactaccagg cgactggcc ggtttaggag gaaatcaagt      180
acactacacc aatcacggaa aggtctcctt gcagagccag ttaatt                      226

```

```

<210> 8326
<211> 194
<212> DNA
<213> Homo sapiens

```

```

<400> 8326
cgggccagggt acccttatgg accctggcac aaaaatgatt cagcttcagc gccttttgcc      60
tgcagttgca ggctttatga agcaggttct ccacctccag taaattaag tttttaaaca      120
agtaccaggg gagaacgggg accctgcacc ctggattact gggactggca cagtgaggagg      180
aaggggggac cgtg                                                              194

```

```

<210> 8327
<211> 306
<212> DNA
<213> Homo sapiens

```

```

<400> 8327

```


ataagctaga ctccaatatt ccacacagct gactgatacg tggatgcaat aacatgtgca	60
tttcttaata ctacaacttc atggacagag taggggtgtg agatgaattt gactgtgtct	120
aatcagtggt cctaataaggc tggttctgtc tgtgtctcct tgacagagag caagacagac	180
ggtaagtagg agattgacta taatggggag atgatcgact gtgtgtgaga gggggaagg	240
gtagagagag gaggaatat tgggtctcaga ggtctcacca tcttaatttg gttgtctcta	300
atgata	306

<210> 8328
 <211> 530
 <212> DNA
 <213> Homo sapiens

<400> 8328 tacatgaagt ctgtcttttg tcaaagttct atgcagtcctc aggatagcgt gatagcagtg	60
gttaaacaca accagctagt tatagcttct attgtatgga aagacctctc tgggtctggaa	120
ctctgccttt gaaattatcc acgtagtcca gaaggcaaat acttggttaa gggatcccaa	180
aaggtaggag acaagtagtt tttgttatgc attagggcag actttcaagc acaagacaca	240
aaattgagca gcaaatgttt gggtagtccc atctcccttc ggtttatatg tgggtagtaa	300
aataataaaa aattttcttc tttgtctctt tcttgaaata aaatatcatg tatccaaaga	360
gagctgagga ttctcaattt gctagattgc tttaaagggg tcagatttat aaaaataaag	420
aattaatgaa gaacaatttt actggagtta gtgtggtcaa taggcctctt tcattttgtg	480
tcattgtctt tatcacaaag atgttcaaat atcaataaaa atgttctctc	530

<210> 8329
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8329 tttgtggaag gtgaattatt gcaattttat cttacaacac aatagggaat agtgaattga	60
tatataata ttatttatga ataaaatact aagactacgc tagtttagtg ttgcaataaa	120
tcgaaaaggg atatatggtg cataaaaagc aatgcgctat gc	162

<210> 8330
 <211> 450
 <212> DNA
 <213> Homo sapiens

<400> 8330 gtacagctta attctatgct ttgtcctgca cctatcctga ataaagctgg agaaactctt	60
gatgtttcag tgagctttaa tggaggaaaa tctgtcattt caggatcatt aattgtcaca	120

gccacagaat gttctaacgg gatcgcagcc atcattgtta ttttgggtgtt actgctaactc 180
 ctggggatcg gtttgatgtg gtggttttgg tccctttgct gctaagtggg tattaaggga 240
 tcctccacca cccccccctg caccaaaaga ggaggaagaa gaacctttgc ctactaaaaa 300
 gtggccaact gtggatgctt cctattatgg tggtcgaggg gttggaggaa ttaaagaat 360
 ggaggggtcg tgggggtgata aaggatctaa tgaggaaggt gcgagggtag agaaaggcaa 420
 aaatggtgtg gtgaagattc ctgaagaaaa 450

<210> 8331
 <211> 229
 <212> DNA
 <213> Homo sapiens

<400> 8331
 ttattcagtg tattttttagg tgggtattatt atgtttatta tttttctcat tgatttagtg 60
 actatatctt catcatgttt tcatttttat ttgttccgaa gtccccggaa aatctaactt 120
 gctaacaatt atttaaaggg aggagagagg aaagcaggag cagctgcagg aacagcagca 180
 tttttgggta cctgcccggg gcgggcgctc gacaatcact agtgaattc 229

<210> 8332
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 8332
 ggtcttttgg tgggagttga gcgcatcaat ttgggggtgg gtatgatcca tgtttatata 60
 cattcatgct tccataatgc ggttgctata gggatacgag tgactttcgt gagtccaat 120
 ttgacatcat gtctgggcac aagatcttta tgtgttctaa attgagagga gatgatctat 180
 gacatccttc acttttatcg ggtaatacta catgtatagt tcagtaatgc gggagggtct 240
 ctatagacat tttgaatttc ctagcataat gtctcaggac cgtggtgaag cattatatgg 300
 tttttccaat acatggttgg gacgcaaggc ggcgtgtcac gtacggccac aggaggttca 360
 ttgcccgggc 370

<210> 8333
 <211> 530
 <212> DNA
 <213> Homo sapiens

<400> 8333
 ttcatgatgg gttactcttt tatgtctgaa ttcattgtta tatatgcgta tagtcatcta 60
 tcgtatatct ataattatct ataatatgtg ttatctgcag tgataaatta tgatcttgat 120
 gtcgggtgtg atgattaatt gtgtgactcg tcattactat gaagatgac ttgaggtgtg 180

```

tatacgtctgt gcatgaaggt gattgagtg cgggtgcacag gattttaaag atggctctaa 240
agtggtgcata gaggttggtg ttcagacaaa atatgaagat gagctagggt atcggtgatg 300
ggaaatacac ttgtggagcg tgattctaag actgaagact cgcttgatga taccctctaa 360
gatgaacgag tcgatgctga tctccgctt ctcaggggat cactgagcga tgaagacag 420
gatgaggtat gagtgtggtc tcgacggccg gtccgtgctg gtggccgttg ggatgtgaca 480
gcctggagat gatattgtga taacgagatc cagatgacaa ttccaggctg 530

```

```

<210> 8334
<211> 306
<212> DNA
<213> Homo sapiens

```

```

<400> 8334
gatgtggtg tggtctctat tgagcatgt catgcactcg tgtagtactg gaggacacag 60
tagctctaca cgcctcatgt gcagaggata atgatctggc tagttgtgtt ttatagaagc 120
agctatctaa cagctctcga ctcgcgaaga cgctctgtcg ggattggctg taagcactac 180
ggatgtcaca tggtgtagtg gctggtctgc aatgagtggt gctgatggct cctgtggtt 240
acgagtctgt attcctattc accgaagggt gtgctggagt gtctgtctgc tgtctattaa 300
tacacc 306

```

```

<210> 8335
<211> 178
<212> DNA
<213> Homo sapiens

```

```

<400> 8335
atacaaaacg cgcaatatct aattatgaac agcgttaaat ccctatcaaa gttcaaatga 60
aatgtgtggc ttatagtggt aatgcacaga tatatagcca tatcatgtca tgttgtgtgc 120
ggagttgggg tgggaacacg cagaaccgga gccacgtcag ctacacctca aaaagtgc 178

```

```

<210> 8336
<211> 162
<212> DNA
<213> Homo sapiens

```

```

<400> 8336
agaggggaaga ggggttaaaga aagatgataa gaggatcaat aaattaattt tatgaaataa 60
aattaggtca taggggtatg gaggaaataa agaattagat gattatggta ataattgtga 120
aaaatgtgat taagtgtaaa gggagggtatg atgagaggat gg 162

```

```

<210> 8337
<211> 338
<212> DNA

```

```

<213> Homo sapiens

<400> 8337
tgataagatg tgaatacata tagtatcata ctatataaat aattcttggg gtgtactatg      60
tgcacaacat taataagtat atgggaacat gtcgggctta tgctgcgttg cgatatattg      120
tgatacacag ggatctacgt ctaggatatgc tgatggaact agtacgagtg atgctcatat      180
gaggctctgcc tagcgtccat aggcagctcc acatgtacat tcaactgaaat gttgttgtga      240
tatctgcact gaggaagcgc gtagggtata tgactttgtc atatttggtc gtgtataggc      300
ataatggaat tcattcagtt tagtgcagga aagcacac                                338

<210> 8338
<211> 610
<212> DNA
<213> Homo sapiens

<400> 8338
ctactttgta tcactctctc tattattttg aaagactggt taatttttca tgtcttacat      60
tcccaactaa agacctaataa ttgttttgta tccccactca aaatgcctta cagaaaatac      120
aaaaatcaat ttgatcgctt ccttaattac aggagtcatt gcaattagtt acataatttg      180
actcttggct atcagagtta cattatttga acttaataaa ccatcttctt gtaactgaat      240
ataatttata ttccttatct ccagtaatta actggcataa aatacagaaa taccacaac      300
aagtagtgta cccactgggt aaagtgcata gactctgtgg ttagacagac tatataggat      360
tgctgaatca gatactacaa tacatagcag tatgacctta aaccattgta ttaagtcac      420
taatcttcta tctctcatt gtcaaaaaat tcgtgtatca gctacgtacg aatactagt      480
tatgaccttc cacaatcggc ttaagctctc tactaatcaa tttactcata gtacaaaatg      540
gggaagaaaa cagtatgggt ttcggaacgc acacagtgcac tgatggagag tatgtgctag      600
ggagaaggga                                610

<210> 8339
<211> 194
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(194)
<223> n = A, T, C or G

<400> 8339
tgaaagctat ataattagac attgtaaatg ccttagataa tttatgggna ttttatctga      60
agaggtaata tgacatattg gattactttg tgagtgtgaa tataaagata agagaaggat      120

```

gagagaagga tggatgatatg agggatgtgg atgagaaaga ggaagagtgt atgagagaaa 180

tgggattaga gaaa 194

<210> 8340

<211> 210

<212> DNA

<213> Homo sapiens

<400> 8340

ctgacatcac cgactcatat gcttattacc accctgcttg agcaggctgg ctccaacgg 60

agatgaacga ccgtgttctt gcttggttgt tattcgacat gctcaggact gggggagaa 120

aggatgagat ccagcaggga agaactgcct gctgccagca cgcaggagag ggtggggctg 180

ccggccatta tgtccatacc aacacaatgt 210

<210> 8341

<211> 338

<212> DNA

<213> Homo sapiens

<400> 8341

ggtactcatg gatccatagg aaagcatgtc agtgectggg ggcacacta tacatggaat 60

tgtggagtat gaggaatatg gcacgaccct acctcttctt aagacagttg cagttcacag 120

ggagaggagg aagatacatc aataacccca aagtcctga aggtgcaaag agttatgtgg 180

ggctgccag gcagaggtga caaatgccca ctggtgacaa gacactggtg gacatagagg 240

gaaaagccca catagaaagg tttccaggca gacagggaagt caaggcagtt ggggacggga 300

agtcaaaaca gtgatgtctg gacaccgctt tgatgggt 338

<210> 8342

<211> 322

<212> DNA

<213> Homo sapiens

<400> 8342

ttcctgataa aggggacttt ccactgcgtc aacagggaag tatctgaaca tactgcctta 60

taccgattgt actactata taaggaaat ggggtcagta gtgtggttca ctgagtcggg 120

tgggaacaat gatggtgcag ataactgcc ggagtaactc attctggtga taatagatgg 180

gacgtgtgca gcaacacaaa aataagccga tgaagaaaaa gtctctaata gagtgtgctg 240

tagtgtactg ggcaccagta ggcctggtgc cccttggtac atgttacctt cggcaecgct 300

accatcgctt attcagtaag tg 322

<210> 8343

<211> 178

<212> DNA

<213> Homo sapiens

<400> 8343

tggtccagaa gttataagaa tgatatacta tcgattttta gaagatggat gaaaaagttg 60

tatgctgagt catacgaatg aatgaggtag acatgggaat gtaagtgtca ccatgttgtg 120

atatgtgtga tcttagggta aagatgaatg aaatatagtg agtatgtccc cattcttt 178

<210> 8344

<211> 160

<212> DNA

<213> Homo sapiens

<400> 8344

acctagaatt aaaaccaaga ctctgtgacg agaaatcctc aggcccggtc ccttgttgcc 60

tgtagacaat gaaccaaag atggcgagtt caacagtggg acacaggctg ggcattgatg 120

ctcatggctg tatatcccag cacttttagga ggccaaggta 160

<210> 8345

<211> 194

<212> DNA

<213> Homo sapiens

<400> 8345

gaatttagta aggccttggg cataatgaat tagaagcggg aagaggattt gtgcagataa 60

ggtatgcttc ggggctactt ctcccatcaa gtcaaacttc gtctgaattc tggctatctc 120

tctagccatg ttgcttcgcg ctctcaacaa ttcaactggg tgggtgaatt tagactccgg 180

gttctaattc tggg 194

<210> 8346

<211> 226

<212> DNA

<213> Homo sapiens

<400> 8346

caaaaattgg gacgaagaat gatgaaaagt aaatttagaa tgtgctgtgc cgagaatgaa 60

agaaaaagca gcgtggggtc tgcgtatcca gactggggga gtggagcagg aaatcactta 120

gcccagagtg gcgagaacct taaaaataaa aataaataa aataataaga aatggagcag 180

aaggcgttca taggagccaa ttttattaac taaaccaaac ccatga 226

<210> 8347

<211> 546

<212> DNA

<213> Homo sapiens

<400> 8347

ttcagagcag actaacgtgg gctgccatta tttctattta tatgtataag agtatgtctt 60

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cgtgatctgt ataaaaagtg atcgtgtgaa agatgctgat tgtcagtatg ttatgtcaat 120
gtaatcaaac ataattgata tctttaatgg ttaggagat gggatgttc tttgttaggt 180
gatgatactg tcagtgacat acaaaataga tgaaagatta atcaatcaga cgaactacg 240
cttatcacta atgaagaaaa tgtgaactgg gggttgaaca taggcgtgag catcggtgac 300
cttgggtggc ataataaggg tatgatgac gtgtggaggg gatagctgat ctgggtcatgg 360
acttctgtgg gtaggtgtga agatgtgttg tgtgctgaca tcgaactcaa tagaaatgag 420
gatctgattg tgctattgat agagtgtgtg aggcgtgagg atttgctgat tctctgcgct 480
gaagagctgt gctgatgtgg gctagttaac ctgtggagac atgcaggctg caatgaatgt 540
gggcaa 546

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<210> 8348
<211> 354
<212> DNA
<213> Homo sapiens

```

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<400> 8348
tgagtacttg aaaaaatgaa agtgagagat gtaatactgc tggagacaag tggcttactt 60
ttacttctaa cttgtaatca atgtgagcga tgatccatta tcatccaaat agagtgtgga 120
gactatcgga ggatacgtga gtgtcaagta ttccaatagc aattaaaaca aatgacatga 180
cttcgagaca gctgactact tatttcggta atgtgatattg aatgtgcctg gcagtcgcaa 240
tatatgagat cgttcacgtg atggctgatg tgtgccagc atattatata gggtagcgaa 300
aatggagtga gatgctgttg ggaggtcgat gagcatgtga ttaatggttg tctg 354

```

```

<210> 8349
<211> 162
<212> DNA
<213> Homo sapiens

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```

<400> 8349
tttttttttt tttttttttt ttttttttgg tgttttgtgc ttttatttta cgaaaaagct 60
aatggcaaaa tctacattta aactatagat gaatccaaag cctttagtga gagaaaggct 120
ggtggggtgg gattacataa aatggaccag tgggcataac tt 162

```

```

<210> 8350
<211> 210
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)..(210)
<223> n = A, T, C or G

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<400> 8350
 ttngtgaggt ccggagggt catgctgtag tgcccaaagt tgttgtgctt tttttattaa 60
 gtatagccag ggattacgta ggttcaagggt cccaccagat aatgtcctta atagaaatta 120
 tggtaaacat ttatattctc ctacaaaata ccttattttc ccaaataaag attaataatt 180
 aggcaggtat taggagaatt aaaaaaactc 210

<210> 8351
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8351
 gctatgacag aatcattgta tgtgagctta aggtctctgc ataaaactga agttaagttag 60
 ggtagcctgc ccgccaccat gagctgactt gaagagctac tccttgcgtg taagtatctg 120
 ttggcacagt atgtagtggg gcgtacgatt ccagaaacgc ac 162

<210> 8352
 <211> 854
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(854)
 <223> n = A, T, C or G

<400> 8352
 ctcagcattt aatccaaaca ggggttctta gtctcagcac tatgacattt tgggctgact 60
 acttatttgt taggggggag ctctcctgtg cattgtagga taattagcag tatecctggg 120
 ggctacccaa tagacgccag tagcaccocg aattgacaac ccaaactctc cagacatcac 180
 caactgtccc ctgcgaggag aaatcactcc tgggggagaa ccactgaccc aaatgaattc 240
 taaaccaate aaatgtctgy gaagccctcc aagaaaaaaa atagaaaagc acttgaagaa 300
 tattcccaat attcccggtc agcagtatca aggctgactt gtgttcatgt ggagtcatta 360
 taaattctat aaatcaatta ttccccttcg gtcttaaaaa tatatttcct cataaacatt 420
 tgagttttgt tgaaaagatg gagtttacaa agataccatt cttgagtcac ggattttctc 480
 gctcacagan aggtgtggca tttggaaacg ggaataaaca aaattgctgc accaatgcac 540
 tgagtgaang aagagagaca gnagatcaaa ggcttttagac agcactcctt caatatgcaa 600
 tcacagagaa agatgcgcct tatccaagtt aatatctcta aggtgagagc cttcttagag 660
 tcagttttgt gcaaaattca cctactctgt tcttttccat ccattccccct gagtcagctg 720
 ggtgaaggga gttatttttt caagtggaaat tcaaaccaag ctcaaaccag aactgaaaat 780


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agagattgca ggaatccttt tctaaactgc ttgtcccttt cctctcactg ccttttatag      840
ccaatataaa tgtc                                                         854

<210> 8353
<211> 642
<212> DNA
<213> Homo sapiens

<400> 8353
ccgagggtaca tcagcattta atccaaacag gggttcttag tctcagcact atgacatttt      60
gggctgacta cttatttggt aggcggggagc tctcctgtgc attgtaggat aattagcagt      120
atccctgggt gctacccaat agacgccagt agcaccgccga attgacaacc caaactctcc      180
agacatcacc aactgtcccc tgcgaggaga aatcactcct gggggagaaac cactgacca      240
aatgaattct aaaccaatca aatgtctggg aagccctcca agaaaaaaaa tagaaaagca      300
gttgaagaat attccaata ttcccgggtca gcagtatcaa ggctgacttg tgttcattgtg      360
gagtcattat aaattctata aatcaattat tccccttcgg tcttaaaaaa atatttcctc      420
ataaacattt gagttttggt gaaaagatgg agtttacaaa gataccattc ttgagtcattg      480
gatttctctg ctcacagaag ggtgtgggat ttggaaacgg gaattaacaa aattgtctgca      540
ccaatgcact gagtgaagga agagagacgg aggattaagg ggtttagaca ggactccttt      600
catatgccat caaagagaaa gatgcgcctt atcccagtta at                                                         642

<210> 8354
<211> 338
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(338)
<223> n = A, C, T or G

<400> 8354
ggcagggtaca ctagaagatc ttttacaana ataatcatcc ttgatcaac cagaagacca      60
atcttcaatg tncgtcctng acagagatgg gttacnnttt aacatccctc ctctcggttt      120
tcgtcccaat gttcctcctt taggtagtgg cgtgggtaagt tggttgttgg tggattgcca      180
ccccccctcg gaggaatgcc cttgcccata aggtgcctct gggttggccc actggtaagg      240
tcttgcaatt atccctgggt ccaataatcc cattagtctc ccaatagggt aatacccaca      300
gttataaatt cataatcccg ccccataggc ccacttat                                                         338

<210> 8355

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<211> 498
 <212> DNA
 <213> Homo sapiens

<400> 8355
 aatcgattga accgggaggc ggaggttgca gtgagccgag atgcactaca ctccagcctg 60
 ggcaacaggg ccagactcat ctcaaaaaaa aaaaagaaa gaaaagaaa gaaaagttaa 120
 gtgcagagaa tagtgctga cacacggat acagtaggtg caatttcagt attagttgct 180
 actattgtca taatcatcag agtgtttcaa gagctgtgcc tccatggctc tccacatcgc 240
 ttcacaaact cccctgttct gggaccagc ctgaattgta aactccacc cgcactgatg 300
 ctaccctata agccaaacag aatcatggct ggggtagggg ctctaccctt tgggactctgg 360
 ccgaaccagg aagaggtaga gtggcctgga ggccaaccac aggtgattca gaatgttcac 420
 cacgtgggtc atcctgtctt actcctgctt tacacgagaa gccaccatga ctagtctctc 480
 tcttcgctggg acagacct 498

<210> 8356
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 8356
 tgggtggatg gatcagtga caagtttagt gatggatgga tgatgaatgg atgggtgagt 60
 tggttgtggg atggattggt ggacaagtga gtggatggat ggatgaataa gttatttggg 120
 gagacaaatg gaagggcagg aagattgatg ctccgcatgt tcttgctttt ctgcactaac 180
 tgtactcgac gtcactagaa aaaaaaaaa caaaaacaaa aaaaaaaaa aaaaaagtct 240
 gg 242

<210> 8357
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(756)
 <223> n =A, C, T or G

<400> 8357
 ttcttttcac ctgtcttcta attagagcct cttactcaco tgtagcacga gtcatttatt 60
 ttgtctagta caaagaatat ttccaatact catgactaaa gagctcagga gttctagcta 120
 aagaagaatc ttgaagcatt ggagttttga aaatctgcat aaagattttt aagatttttt 180
 aaagattcat attataacag tataccgttg gtctaatttt tcttaattcta ctaaaaacga 240

aatagcacag gtcagatgtg acttgcttgc tttctgctcc tgtacaatcc aggagtgtta	300
atcaaaaagc aaaatttgtg acatcagttt tatttccatg gctactgatt gtaatattac	360
aaacatgaga ttactggcta gtctcatcatg aaggttaaag aagattccctc cttggatagg	420
atctccaaaa ccaacaccaa aggggaatatt atcagagctg cttccagcag cgtgtccctt	480
caaaaatggt ctcatatttc tgagagcttt gttttatttt gtgaggggtt tatcatttgt	540
tgttggtggt taatatttta attttatgtg cttgtttgtt ttattttatto ctccacccca	600
ggtgaccgtg tangaaaatg gttatttttag atgnnagaag cccctctgtt aggaagcagt	660
ttctgccttc gtttaattct tcttccacaa ataagattta ttttggaaact tcagtcacaaa	720
acatctgtac tttgtacag acaaagattt ggcttc	756

<210> 8358
 <211> 370
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)..(370)
 <223> n = A, T, C or G

<400> 8358	
cctaagtcac agttctgtcg gactgtgggt agaagactag gagatgggtga gtggagtgt	60
aggaccacat gccganagaa gattgataga aaccatgggt aactgtcgaa tctgtcagtc	120
ccggcatgag tgtaattgct ttctctggag ggcttggcga ttctctccta ccagtggt	180
atgctttatc tatcgagctt gtgcccggtc tgcatttctg attatgttgt tgtgtattgt	240
gtgtatgtat gtattctgtg gaagagtgtg ttcatctgaa gcctgtggct gaggattaag	300
gttaggattg ggtaaagatc agaatatcac gtccagatat cgcagcgact ccctgtggat	360
agcccttggg	370

<210> 8359
 <211> 626
 <212> DNA
 <213> Homo sapiens

<400> 8359	
acaactggctg ctccgcagtc acgcccgttg cggcggggag agcggggaga agcctgggtc	60
cgtctggctc ttaccacacc atgctcctgc ttccacatgg cagagggaca gtcagcaggt	120
gtgcagcgcc ccagctccta cttgtctcaa cagtcctaac tggccatggc caagagttct	180
gtcagggcaa tcaactccct gacacaggcc agatggacat cggggagaaa tccatagtac	240
tggagctggt tcagagcccc acgggaattaa gtcggaataa aaccacgaga gaaagaacat	300

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tttcatgggc cctgcacgga gcctcctggg cctgatggag aggggccccca ccagaagag 360
cacagggctg gccccacccc ctgcaccaca catgcgcttt atcaactgaa cactcccaca 420
gccacacgga caggattcat tcaagtctgt gtatgtctga gcgcaggaga agaggatcta 480
ctgagctcta gctggagctt catccagcga tgattactaa tctcgtgctc caatgcagct 540
cccacctct cgaaggggat ggtcggcgac cggacgtcta cgtcttgggg cccgttcccc 600
gagctggggt atctctgacg gcttta
626

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<210> 8360
<211> 210
<212> DNA
<213> Homo sapiens

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<400> 8360
ggctgatcgt gctcgaggag gaaaggaacc gtaggttcac gacattgggt gtagtgctc 60
ggctgaggag tgaatggggc gaacagcat ctgtgggat catgagttaa cggtctaag 120
tcgaatcgc gaacagagcg gaaagatagg gcagcggcgc ggagggtcgg gtggcctggg 180
atagcggggtc ggcgggcatg ctccgggggg
210

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<210> 8361
<211> 338
<212> DNA
<213> Homo sapiens

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<400> 8361
gcaggtacca aaataagagg agcgggtgca ggtaactgat atttactgaa tagtaaagag 60
ggaagcgtga aggggccttg gagaatgggt aacagcatct gttccagct catcacaggt 120
gcacagcata agatgagagt tggctatgga tgggcaaatc actgaaggta gatcaaagat 180
gggtgctcag cgccagtcgg tctcatcgat gcctagctgt tatgtaatta ctggatcaaa 240
actagatgtt attagtataa gatatatgtc agataaagat agtattttaa attgtgttgt 300
aagataagag aacacatata aaaatgtgga ttcttaca
338

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<210> 8362
<211> 578
<212> DNA
<213> Homo sapiens

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<400> 8362
ggtacatcag tctcagattc atcccagaaa aaagaagagc acaattatc tctttttgtc 60
tccgacaact ggggtgaaca gcccaactaa tgcagtctcg aagaagatga ggaggacgag 120
gaggatgttg atgatgagga ccatgatgaa ggattcggca gtgagcatga actgtctgaa 180
aatgaggagg aggaagaaga ggaagaggat tatgaagatg acaaggatga tgatattagt 240

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gatactttct ctgaaccagg ctatgaaaat gattctgtag aagacctgaa ggaggtgact	300
tcaatatctt cacggaagag aggtaaaaga agatacttct gggagtatat tgaacaactt	360
acaccatcac agcaagagag gatgctgaga ccatctgagt ggaaccgaga tactttgccca	420
agtaatatgt atcagaaaaa tggcttacat catgggattt atgcagtaaa gaagtctcgg	480
agaactgatg tagaagacct gactccaaat cctataataa tctctccagat atgcaatgaa	540
cttcggaaat tgaattaggt gattattgat ctgacttc	578

<210> 8363
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 8363 gagggatat aactaggggc atgaagtgtg agctatcgtt aatgagaatg acgtttgggt	60
tgctatcgct atggctaaga atgggattaa gagaggaagt ggcaaaaaa gaatggacgt	120
attatgaggt tttatgccgg agcgactgaa tatacaagaa tgggggagaa gaagcttttt	180
agatgtcctt aata	194

<210> 8364
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 8364 cgagtactaa aatatctagt tgtttgatag ataacttaaa ctcatatg atagatcgta	60
aagatctata gtcagtctca caacagatga ggtattattt gtatgtaagt ttcagcggtt	120
gtgattggtt tctcttttgg aataatgaga gaataaagtg tgtattcttg tgttttcctt	180
gataaatatg cataagggga tgggggttaaa cagtgttgaa tatctc	226

<210> 8365
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 8365 tactgaaaga tatagttaaa agatcaataa cttaaatcag aattaatggt acgtaaagtc	60
ttatgtttca catcaacaca gatgaggtat tataagtata taaaagacgg tgtgtgggga	120
aagctagggg taagtatata aagtgagaat tcgggtgttg tggagtgtg gttgtggtat	180
atgtgcattt ggggtggggt ggtcaagtgg tgcataagat gaggaacca tttctgcttg	240
gggtaatggc acatctcctt gcgcataatg gtattgaata tcatatatc tatggagaaa	300
gaagtg	306

<210> 8366
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 8366
 gaggtactga aaagactcag tcagcccat catgactctg atgaaaagag aggatatgtt 60
 cagaactatg gtcagtatct tcctgtctta agggattata agtatcttcc cctggcagag 120
 ctgagggggc cataggtact gatctacagt gacacagtc ttggtgtgta gagagtgatg 180
 acagctagct cgactaggga gggagtcca aaaggtgaat atggtgagag aagcctgtgt 240
 gctgatggat gtttactcat ctctcggac gtggacgata ttcactatct 290

<210> 8367
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 8367
 aggtgcata tggagctact tagaggaatg taagacaaa tcctgtgaa aataagcatc 60
 actcagaacc aacagcgaac agatgtagtgt ttgtagagt gataagtact acaaggctca 120
 caatactacg gattattatt attaattggt ctctgtgaat agaaagtata cggggactac 180
 ggagaaaaga ttgctactga gtcattgatta gttataagag gatgagtaac aactacaatg 240
 tgtttctgact cattgtgtga ccacgcacca tcaccattcc tatgcatctc 290

<210> 8368
 <211> 466
 <212> DNA
 <213> Homo sapiens

<400> 8368
 taccagcaga gtcagtggg ctgattgtta tgcctgtat cagtcactgg tgatgggcct 60
 acctcatagg agataaagat tttctatgta gatgcaagta aagtgagtcg gtgtgacca 120
 gaataatcct ctctaaaga agggctctatg gatgttctag ggagtatgat ctctctgatg 180
 aaagatcaat agttgtctag agtagatttt tatttcttgg gatgttgagg tgggaggatg 240
 gttagatact ataaggtagc ggttgattga gtcagattg tgcattgca tcagacttgt 300
 gtgatagagt gagacattg gtctgtttgg aatctggatg atattggtcg tctctttctg 360
 atggctgttg tttctccact gtagatgca tcatgatagc atttggtgta gtaatatatg 420
 atagaagcgc tgtgcgggag ttggaggata gagatgaatc ggggta 466

<210> 8369
 <211> 194

<212> DNA
<213> Homo sapiens

<400> 8369
gggagggtaaa ataagagggga ggaggggggtt tagggaaatt gatttttagtg gggatatatag 60
aaaaaaaaa atttgagggg agaagattaa agaagttgag ataaataaaa tataaataag 120
tgtattaaaa agaaaaataa aaaaaatggt taaaaaaaaa agtaaaatat aaattttgaa 180
aataggtgaa tagt 194

<210> 8370
<211> 226
<212> DNA
<213> Homo sapiens

<400> 8370
gagggtgggtg ttgaggagag gttataaggg aaaggataaa gaaaatttat tttatttata 60
aatggaggtt tttcaatttt aatttggaag ttgaaaaggg ataaaaaaaa aaaaaatgat 120
gggtataaat aaaataaaag aaaaatttag ggtaaaaaag gttggggatt ttgggatttg 180
ggtttgaggt ttgaaaaaa gggaattaaa tattttttta taagat 226

<210> 8371
<211> 210
<212> DNA
<213> Homo sapiens

<400> 8371
atgaacaact taaaaaaaaat acaaaacctg gatcaatggg gcttctggga accgcgtatc 60
ttccctctac ccaaggcagt gggcataaat ctacttttaa aaatgatta attttggcca 120
tctgagaaga aaagagccta aaattgggtg atgcaacgag aaagtgaag tcgaggggaaa 180
atgcagttta caagtctctg aaatctaag 210

<210> 8372
<211> 306
<212> DNA
<213> Homo sapiens

<400> 8372
gtacaaatct tatgtggtac ataataaaca ttgtaataa ctaacattct ttacacatct 60
tcattggcct gctcatctat gtttctaagc caatagggtg tgttttaaaa ttatgtacag 120
taggtgatgt gatataataa catgaataac atagagcctc agaattaggg agtagtgatg 180
gtgtgaaatc gattatgggc atctgtatcc catatctgta actagatatt ttttactagt 240
aattcaacat gttttgatct tgaagtatat tactatagtg ggaataaagg taataaagaa 300
aggatc 306

<210> 8373
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 8373
 acctttcaaat agctagtgtg atagtttgaa ttgtataaca gtaataacctg gataatactt 60
 actcgtatat gcgtgattaa tacactctga atcatataga tagtgattgt atgcatgata 120
 tgcgagtcac tggtaagag ctgaacgact atgtggacag tatgttaaac atggaaaaga 180
 tggaacacaa aagagaaaag gatcccaatg agaaaaataa gaatgattat tagtattgca 240
 atgtgaaact taaaggaag aaggaaga taaaaacgga ttgtgtattac tgaatcagtt 300
 gaatagaatc ggataaaaa caagcagga tagcggatca gacatgtagt aaaagcaact 360
 cgcccgatct ggccgcaaaa agcacc 386

<210> 8374
 <211> 530
 <212> DNA
 <213> Homo sapiens

<400> 8374
 atttatttca ttgctgacca ttaggttgca gcatgcaact ctcaacaatg agctgcccct 60
 ctccactcct atagaagctc caaatactat ggtaccacta ttaggttttt cagccttttca 120
 aaggctttta ttattaacat catcattaca gaataaacat tgtactacc caggagacca 180
 aggaagtaca taggggtgtt ttctctttct taaaatagcc ccagaattat gtttgctttt 240
 tatagctttt ttaatctctc ttgtcacttc ttgtatttaa tgggtgctct gcctctggga 300
 ctctgcgcgc cgcctccacc cagcacttaa acaacatctc accaattgca accggatcgt 360
 ggggtgggact tccgctatca ttttaggctt tactaccacc atctctctgc gggcagtggt 420
 ggcaaccgcg aagacagaat ttacaaaact ttcagctcca gcagtttcaa ggaatgttta 480
 aatgagaaga tggaagaccg agtgtgaaga gctaagaaaa caaaaagggg 530

<210> 8375
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 8375
 tgaagggtga gctcctggga cctcagacag atcctctcct ctgactctgc cctgttgttg 60
 gtatatcttg ggagtgtgtg gccagagaa gccagtata tatccaggtc acacagcagg 120
 cctgggtcta gcattctgtc cctggcctcc aggcattgt actctccaca gcaagaatcc 180
 gcctctcagg ttcttttatt tacaatgaaa ccatttactt acacagttat cgtgcccac 240

tgggcattct ttgggcaggg agatggagtt ttgttaggtg ggctctgcat acctatggga 300

actcagtgat gtaatgcaaa gaaaaataaa cttac 335

<210> 8376

<211> 482

<212> DNA

<213> Homo sapiens

<400> 8376

gggggggtggt ggggagacgg gggcttttga aaggaagcgc cggggagacc actggtgttt 60

tagcgagaag gggggagcct aattcaaagc cgggggggcg gagccgataa tagggtgtgg 120

ggggggcttt ggggatttcc ggtgtggggg ggggcttcca ttttttggg gggggggggg 180

gggtgagcgg cgactcctcg gaaagaaaag cgggcctggc ggggggttgg ggggagggca 240

agtcgggggg gggggggctg ctttttttcc cggggaaaat ggggtggggc aaaaaagggg 300

gggggggggg gggtttttgc cgctggttaa tttgtttccc ttttctttta attcgccggg 360

gggagttttt ttttttttga gaggaggggg agtaaaaggt tatgcccagc cggcaacaaa 420

tattttgaca gaattgcgcc gccttgctcg tgaacaaaga gaaaaagaag aagaaaaaag 480

ac 482

<210> 8377

<211> 322

<212> DNA

<213> Homo sapiens

<400> 8377

ggcccaccgg cggctctctg ccacctgttg ccgtccatca cggggccacc ctttttcac 60

ctccgctcctg tacaatagct cagcaaagcg gctggcggac tggcccggga tctgctgctg 120

ctccagccat ctacatgaca accagagcct gggaggagct ggatggcggc ctgggcagtt 180

gctaagccct ggaggactac tctgtgctgg ccgagaccga ggaagacagg gcttcagcga 240

tactcaggct ggccgacttc ggcagcgcgc cccacgactt tgagggtggc gaaggctggc 300

atgtggacac caggaccaag aa 322

<210> 8378

<211> 162

<212> DNA

<213> Homo sapiens

<400> 8378

ttagtttggt tgtattttta gattatggta taataatttg aaattataaa tataaataag 60

tagtttagaaa gggtttgat taataatttg gtgaacgggt ttaatacgata ggtgttgatt 120

agatgaaagt tagtaggggt atgtttatta tggttgatag tt 162

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<210> 8379
<211> 258
<212> DNA
<213> Homo sapiens

<400> 8379
aaggatgcaa ctctgtgttt ggatagcact acgtcttgac cttgctcaaa acgggtgtac      60
taaatcaagt actacacaca aaaatgactg gcaagaggag catgtactgc tggatttata      120
gatgattttgg aatggaattt ttacgttcta gaatccctaa cccaccagga tgctcacata      180
tatgttttgc atgccacaag aaagacacag acaatgaaac atcttcggtg tctagaataa      240
gaactggaac gtcgcgag                                     258

<210> 8380
<211> 162
<212> DNA
<213> Homo sapiens

<400> 8380
tattgatgag atctcccata tgatacttct cagtcattgta ccattttgga tattcgctct      60
ttcactgtat atattgtgtc ttgtgtttgg agtgtaagtc tcagatcaga ggatctgttg      120
agtcctatagc ataacaaaaa tggagctgct aggattttatt ca                          162

<210> 8381
<211> 210
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(210)
<223> n = A, T, C or G

<400> 8381
gtacttagtt atcctactaa gagaaaaggc aacatggaca gcttcaaatt tcgcaatgta      60
agactagcca ttaactgggg cctggacgtg cgcggcttaa ctttggacat aaccacatag      120
cgataaattt tacgaccccc gtgaaaacaa tgatttccat acccagctct tattccttca      180
ccataaagat tctgtgtgag caatttaaaa                                     210

<210> 8382
<211> 562
<212> DNA
<213> Homo sapiens

<400> 8382
ccatagtcctc tgacagatg aatccagggtg gaagaatgca gaaaagcttt agaaggcata      60
gatgagaaga ttacgaatga agtcttaaaa agctccacct catatgcaat gaggagaaaa      120

```

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atagaagaaa ttaacaatgg gcttcataat gttgaaaaga tgttcgacga gaaaagcaaa 180
aatattgaga aagctcacga aattcaaaaag aaaatgtggg acgagttaga tctatggcat 240
tccaaactaa atgagctgga ttctgaagtt caggacatcg ttgaacagga cccaggagag 300
gtcaagaat ggatggataa attgatgatt cctttcaagc agtatcagca agtatcacag 360
agagcagagt gtagaacatc acagtagaat aaggccacag ataagatgga ggaatatagt 420
gaccttctga agagcactga gggctggata gaaaatacac gtcatttgcg ggccaatcct 480
gtgactatg aatctttggg ggcactgagt taccatggta gcgatgtgca gatgggttag 540
gaagaatcac cagcggaagc aa 562

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<210> 8383
<211> 242
<212> DNA
<213> Homo sapiens

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```

<400> 8383
actggcagct acgagcaagg ccagcccgcg cagcacctag atagaaggca cgtggctgca 60
tcccagcggg tacagcctcg cgtctttcgg gactcgcttt ctctctgtcg cgagtcgtgg 120
gctctgggag ctttatcccg aggaatacta tgacagtgga catcaaacgg agcgttatag 180
caaggcagaa cccgaggagg gagaagacg ggagccggtc cttgaaagcg ccaggagaca 240
gc 242

```

```

<210> 8384
<211> 697
<212> DNA
<213> Homo sapiens

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```

<400> 8384
tggctgcgca ctcggcctga gaaactcggc aagcgcgcag tgtegaactcc ccggtctatg 60
ccaggcgcat ctcaggaacg aggtctcact atattgccca gactggtctc gaactcctgg 120
gtcacaacag tccccctcgg ttggcctccc aaagtgatgg aattacaggt gtgaatcact 180
gcatctgact atggcaagga tctctgtcac tgaggtaagt ttggcttaga gattaaagct 240
ccttctatct tgtgatgcca ccatcacaag gttctcaagg ttgtgtggg agaagagaag 300
gctaaggagg ctcatagaat gcccttaaat ctaatccaaa agtaaatgag aaacttagaa 360
aaagattgcc aattccaaat caacatatat agagaaaatt ggaaaaggag aagcttacta 420
cagctttatt tgaggacttt ttaaagaacg ctgggttcta tctgtgagct gcaaatcttg 480
gagcaaaaac cagagacatt gccagagcaa acaagaacag aaatacaaat ggagaactgg 540
tcaaaagaca taaccacag ttatcttgaa caagaaacta gggggataaa taaaagttcg 600

```

gaggcagatg aggcaatgaa tatgaattct gagaaaagta tggattggaa attcaatgaa 660
ttaatttaat gaaattaaat gtgagaaaaa agaaagg 697

<210> 8385
<211> 386
<212> DNA
<213> Homo sapiens

<400> 8385
agggtgagttg ggagtcagtt cagaaagggc agaggggtccc acaacaggac cagaacccag 60
cgggggaacc tggagagccc cctgcgtggg ccaacttact gttccatcgc tcacccacct 120
cgcgctccaca gagagccctc ccacactgcc tggcctccct ggccaccaag gcgctgccag 180
aagacaaggt caccagataa tctgtcctca gagagggtg agaaccacc cggggcagta 240
tggaggaacc ctaaagaggg agaaagcaaa atgggtgaga gtccaaggga gggaggggaga 300
gagagtggct gcagcggggc ctgagaggag ggaggaggct ggctgggatg cacttgtcat 360
gggagcaggt ccagggcggg caattc 386

<210> 8386
<211> 418
<212> DNA
<213> Homo sapiens

<400> 8386
gacaagcata agtacatact ggaattaaaa tactctaaga agaagaatcc taatgcatgc 60
caataaagtt ctaaatatgc taaaccagcc ttcaataaag ccatatgacc aactgataac 120
aacaatctaa atactataca aggtaactgg cgcaagattt gatggagaaa agaccttcac 180
atcaccacct cagtccttca caggccaggt cctcctctct ctgagacagt agggctgaac 240
ccggggacac ccagagagccc tgtaacacgc agccagcagt ctgctgagct cgttgtgcag 300
acgacaaaag gaacacagaa cttgggtctc aggggctggg caggcagatc caagcatgag 360
caattagatc aaaatagaag ccttgtttca aagaaaaaaa ttgtattctt ctaagtga 418

<210> 8387
<211> 370
<212> DNA
<213> Homo sapiens

<400> 8387
ctgatggcgg tagcagcgcc cagtcgagca cggggcagcg gctgccgggc aggggtctggt 60
gcgcgagggg ctggggcgga aggtcgagag ggcgaggact ttggcaaggt ggggctgctg 120
ctggagccct catttgagat cgatgacagt gacaacttac ggaagcgggg atcaatgac 180
tggacacagc aggatggtac cttgtccctg tcacagcggc agatcagcga ggaggagcgg 240

```

ggccgactcc gggatgtggc agccctgaat ggcattgaca gggtcgggat cgaaaggcga    300
accggggcac ctggatggac tgcaagctgg tggctatgtc tcactcctaa gtcaatgctg    360
gacccccgct                                     370

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<210> 8388
<211> 226
<212> DNA
<213> Homo sapiens

```

```

<400> 8388
tactcgaatc gttgtgattg ttggctgaat gtttcaggct atatatgtaa gagatagtac    60
atacatgtct tattcttaac tccaagaatg cgtacttttag gtgaggggtat tatgaatatg   120
attaatccac catgtaatca tgactatttt agggctatta ttggcgggta tgggtgatcc    180
atagtatcct ctgactttctg gcaaatgatg gtgactgctg tatcta                    226

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<210> 8389
<211> 274
<212> DNA
<213> Homo sapiens

```

```

<400> 8389
aatgatgttg gattatgttg cctgagatag caacagaggg atagggtggg cggttaaggaa    60
ggtgtatgat cttttcgtca tggcggttac cagtaatatc caggatccta ttatcgagtc   120
actcgtctac atatgtggct gagggcaatg ctgtaatgtg aaattcgact gtatgggtgg    180
aagataccat atgcctcgcg taaccctctg atatactctg gaatagtact gatttggttc    240
gtttttcaaa ggtagagctt gactcgacga accc                                274

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<210> 8390
<211> 162
<212> DNA
<213> Homo sapiens

```

```

<400> 8390
gtatcgtgat tgtgaacaga ttatggtgca agtggtattg aagaatccaa gtgaagtaag    60
ggacaggcgg tgtatcactc aaaccagtgg gataaacacag gtaccacact acatattcct    120
tccgtaggct ggatacacca tgagtcttgt catagaacag cc                        162

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<210> 8391
<211> 194
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)..(194)
<223> n = A, T, C or G

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<400> 8391
 atgtctgtcg tctccataca tactgggggtg tacagtagat gtgatgtcag actcangatg 60
 gttatgtagt ataagactgt ttaaacctgc tgccatttga ttgacttcaa cagaanaagta 120
 gtactccac tatcggatag ttctcagtga tgataatagc tggctcggat agatgtcatg 180
 gattcatccc agtc 194

<210> 8392
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8392
 ataaaatgaa tggataagag tgtggataaa ctaagaagga aggagagggg aaagagatga 60
 agaagattag tgatggggat aggggattga aattattaga aatgaaagag gaatagaaag 120
 aaaagtgaag gtattaagat tgagttgata aagtaaaagg aa 162

<210> 8393
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 8393
 agtgtagat ttaaggtatc ttatgaacag aagtaaaatta gattgatagg aaagaaatag 60
 taatggagtt tgagtaaaga aaatgaatga tgtaataaaa aaagtaaaaa ttgttgaaaa 120
 tgtgaaaggt gagagtgtta taatggggaa tgtagatata gaggtaatat aatattggat 180
 tagagtatta gatataaaaa atgaagtga atgaaaatta tatattaata ataggtgata 240
 atggtagtga ttgtttat 258

<210> 8394
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 8394
 ggtttggaca cctggggggg cccaaacaca gggacaaaca ttgtgtgcgg ctgtgccttg 60
 aagaaaagca aaatctaccg ggaggggtgc gcgcagggcc ctcaaaaagg gggggcaaaa 120
 caactttatt ttaatagggg gtattggcgg ggggggtggg ttaactgagg tgatcttggc 180
 ccgccccca ccgggatgg gccttaaatc cataaatggc ctggcctttt tattgcggtc 240
 ct 242

<210> 8395
 <211> 386

<212> DNA
 <213> Homo sapiens

<400> 8395
 tggaggaaacc tcaggaaact cgcccagggt cacagagtgg gtaatggaga cagcaaacat 60
 gtgccgacca cttagtgcac accagggttcc taagggtctct tcagaacctt gaaataatcc 120
 tgtggagcag atgtgatata gaccggtatt tcaaatgagg ggatttgggc tgaggggtggt 180
 tacgggactt gcctgaggtt aactgaggtt acaagcacca gagccaggat tcgaaccaag 240
 gccatcgagg tcacaggcac acactacccc ccttcctctg ctggctctga caactcaaac 300
 cgggctgcag catgggtgtg ctctttccac caagggaccc ctgggggtggg gctgtttggc 360
 ctctattacc gctccttatt tcttat 386

<210> 8396
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 8396
 ggtttggcgc atggataatg agctggacct acatgatgaa tagaagcagg gatgatatga 60
 taaaagacgc tgggctttta ttgatctggg gctcctttcc cgggggagtc cggtaggtcc 120
 ctttcagggt gggtttgac tcacacgagt gggcgggatt atcatccaca agctggccaa 180
 gccctacact gtgggagggt tgatggcagg gcaccatggc tgaatacac gcttggggga 240
 acagatcaag aaagaaacta cgcacaaaaa gtgagcgggg catgcaccca 290

<210> 8397
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8397
 tgcacccctg aacacctgtc tgggggcggg ggggtggtggg ggaggagac ctcagccgag 60
 ggactctgac gagatttggg gatgtcctac gggcaggagt cattgtatgg ggggtgtggga 120
 acagtgccta gaccacaggg caggcctac tcagaagggtg ga 162

<210> 8398
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 8398
 gaagagccct ctgctggcca accctgttgg aagaggacac tggggatggg agtggcgagg 60
 tgcagggccg accggagaca ccggcagaag aagagatgga gacagacacg gaggcggagg 120
 tgtctgcgga aaaggagggg gatgacacag gtgccctgct ggcgacttg atcgactgcg 180

ccccctgatga tgagaagcca gcacctccca tgagaccgga ctccta 226

<210> 8399

<211> 162

<212> DNA

<213> Homo sapiens

<400> 8399

accaaacaaa ctacaaaagg actcatacgc tactagccgt gagagtctct cttgctgtgt 60

tgacgatgac gagggtgtgt ttctgaacct gattgacatt gatgaaaacg gatgcatgta 120

ccataatgag tctacctgac atgtgggttg cgagcacata ga 162

<210> 8400

<211> 354

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)..(354)

<223> n = A, C, T or G

<400> 8400

ggaagcccggt aagtcacaata tagcagatgt cagcagaccc agctttgcct gcaagctgaa 60

agagagagacc ctctccttgcct tgtgtctagc ttctggtgat cgtcagctgt cctcgggatc 120

ctgngggttcg cggcacgtca tgaccatctt ggctgctggc acccgggggc atcctcctgg 180

gtcttcacac tgccttcctt ccgcgtgtct caggctctaa attagccctc tactaataag 240

gatgccaatc actggattag ggttcacatc attctagtac aaattcatct tatatatgat 300

tacatactgc aaagatccta ttacacaata aagattaatt aataggtccc aagg 354

<210> 8401

<211> 226

<212> DNA

<213> Homo sapiens

<400> 8401

aaactaaaag ataactcgcg agggaaacca ccaaaccac aaccctaagg gcaactgatgc 60

aaccctctca gaattgtagt ggggaacacag gtcactgcc acaattctcg ttgaacatg 120

actctctatc ttatggaatt catatatata ttctgcaagg acgaggcagc gaaatgtggg 180

aagtgcagac actgatgggg aacactggga ctgaggtcac ggagca 226

<210> 8402

<211> 386

<212> DNA

<213> Homo sapiens

<400> 8402
 gccgcccctg gcgaactcca ttgtcggggg gcctctacca gccgcccctg gcgaactcca 60
 ttgtcggggg gcctctacca gccgcccctg gcgaactcca ttgtcggggg gcctctacca 120
 gccgcccctg gcgaactcca ttgtcggggg gcctctacca gccgcccctg gcgaactcca 180
 ttgtcggggg gcctctacca gccgcccctg gcgaactcca ttgtcggggg ggctctacga 240
 gccgcccctg gcgaactcca ttaactggggg ggctgtacga gccgcccctg gtgaactcca 300
 ttgtcggggg ggccgtataa accgtcccgg tgaacttcat tgggtgaggg cctctataac 360
 caaccccctg cataattcaa ggctta 386

<210> 8403
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 8403
 ccagaaaggc ccgcacctgg ggaagctggc gaacgctaac cgggagggtt ttcttccaga 60
 cttgattccg ggatgttgag atcgttattc gaaatagact aacattcgaa tcgcctgtga 120
 tggaaggagt ttctgcaccc gtacccctggc ctcatattat ctgcaaatgt ttattgggtc 180
 cttgcccttt acaagatcct gtgctgtgag caagaacaag gctttcatgt ggaataaagc 240
 cggccttttg ttgaccaaac cgaactcct ctgaatggaa aatcaagaaa aatttggaag 300
 aaataataaa atgttcaatg aaatggatat aaatatattc ttgtttaagt aggc 354

<210> 8404
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 8404
 acagaacgag actccgtctt aaaaacaaca gcaacaacaa aaagatcttg atgcctctga 60
 tggagctgaa catttattat acagcaacag cagcaaggat tgctgggtgg cagactacac 120
 tgtaggggc acgtctcttct gtaagaatct gaaagacact attgtcagag ctctgccctt 180
 ttggaatgaa gaaataattc cccacatcca ggaagggaaa caggtgttg gtgagggtc 240
 tggcagcagc ttttctggca cagtcgagcc ttgggagggt ctcccggcaa gggccatcat 300
 ggagctgagc ctgccactg ggtttcccat tgtctatgaa ttgtacaaga agaggctgaa 360
 gccattgaa gctcatgcag gtcccaggag aagaaaaagg tg 402

<210> 8405
 <211> 450
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(450)
 <223> n = A, T, C or G

<400> 8405
 gtgtctngac accctccana ancaccagga gnagaaacag ctttctcttg ccttcccagc 60
 caaatctccc tctgcctctc tcccctgggt acgacaatgg ctggggctctt gacttgccaa 120
 gatctggaaa cggagaaagg actggatctc caaacttgga ctgccttgga ctgaccttg 180
 cctgggaagt gtgggtctcan gactccgagc tcaagtcagt ctgttcccc aacccccaac 240
 ccactgcctc cgggtgagga agtgggcgcg agcggcacag cgcacatagg ggtgttagga 300
 gcgaaagact ggagacccaa ggactgtggg gctgggggtg tgggggcact gctaccgact 360
 aaacaagtgc gggcgggctg gaaaaacgaa gggggattcg gtgatggggg aagccaaggg 420
 acaagggaaa aaggaaaggg cgcattcttg 450

<210> 8406
 <211> 450
 <212> DNA
 <213> Homo sapiens

<400> 8406
 ttctctcttg taccttcctt gcacagcctc ctccccagcc tggatccaca gccaccatcc 60
 catcacttgc ctgctgcaag tatcctcagc actgcgcacc tctctccag ctggcagaaa 120
 ccagccctgg ggaatccaac tcttggaact ctctacacct gcacacaggt tggcaggagt 180
 tgccagagggt cttggcacag cagcctgggt ggaatcacag agcaatcctc aaccttggcc 240
 aggcctctac tgcccacttg gcaaatctct aagtgtgacc ctagtcatct ttctcctttt 300
 ggggtgtttc agactttctc cacaagtctc agacaagctc aagtcactcc cacatgaaaa 360
 ataaaaacgg gctgggtgtg gggggctcat cctataatc caacctaata aatggtaatg 420
 gaagaattcc tgggaaaaaa aatcttaaat 450

<210> 8407
 <211> 530
 <212> DNA
 <213> Homo sapiens

<400> 8407
 gacaggacga gactccgtct taaaaacaac agcaacaaca aaaagatctt gatgcctctg 60
 atggagctga acattttatta tacagcaaca gcagcaagga ttgctggtgg gcagactaca 120
 ctgtagggca cctgctcttc tgtaagagtc tgaaggacac tattgtcaga gctctgccct 180
 ttgtgaatga agaaataatt cccagatcc aggaggggaa acaggtgttg gttgaggctc 240

ctggcagcag cttttctggc acagtcgagc cttgggaggc tctcccggaa ggggccatca	300
tggagctgag cctgccact ggtattccca ttgtctatga attgaacagg aggagcttga	360
agcccatgta gctcatgcag ttcccaagag acgaaaaagc tgtgcataaa gccatggaag	420
cgtggcttgc ttagggcagg ggcggagcgt gaaaggcggc agccgggtccc tctcctgaca	480
acacctcccc aatctgcccc attcctctat gcctctcacc tcaacgtgtc	530

<210> 8408
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 8408	
ctcttcttgg ctgcagccaa gattctgggg gctggggttg cgggtggagg tggggttagga	60
gggataggaa aggcaccggg acaggcacgc gaaggaggga gcccggaac aaactgtcgg	120
tttcagcagg cccccacgaa accgcaagat ctgcaacaac gatacacagc aagccaaccg	180
acgcaggcag agga	194

<210> 8409
 <211> 562
 <212> DNA
 <213> Homo sapiens

<400> 8409	
ctcttcttgc attgtctgtg gtgtgaccat agcagattat atttgggttc tgaatgtttg	60
tgggtgctaatt ttctgtgttt gttccaagcc gttcagtcac gccatgcgct gcctcggtag	120
atggagtaat gtacaatgaa ctccatgagt ctctccaggg ctgcctgcag cacgtctttt	180
ccaagtagcc tatttggtatt cccatctcaa atgtcctgga tgcgagcgct agcggctcca	240
gagctcgggg cggtgaggt cccctttggg gaacccttcc ctggccatcg aggtcggggg	300
gctgcgctct gtgggcagga ggaccgagg ggcagccagg aaaggcgatc tcttactgt	360
gaaaagttgc cgggtgcag gcgcttttcc ttctaccatg ggaatgcag gctgggcoct	420
tggggtgagc ctgcggggct ctggtgctgt ccccgacccc caccaccaac agaatgcagc	480
tccagcttaa ggaagcccaa acaagccacc cagggagaa aaaacaccgc cagcgtggat	540
tttccaaatt tccctgggaa ga	562

<210> 8410
 <211> 530
 <212> DNA
 <213> Homo sapiens

<400> 8410	
atttttaaac atccaaatat ctgtaacatc tgttataaca cttgacatat gcaggccaat	60

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aaattaaact attgctttgg gagaaatgtg cctgaattgt tcaactataag tctctgccgg 120
gagttattca ttcaagtaaa caaaagatgg cctatttctg aaaattaaca atgcgtagac 180
tggactgtaa gtcgtgattc cgtattttct cgagttacta gctccatcat tagcaacatg 240
agaatgtgca atgccaccat gttgaagtat gattaatcaa catcttttct gaaacaaga 300
ttttttttcc ccatttcag aatttgatac aagaggtatt ctggttccct ggggggctga 360
aaaaatctgg ttacgctgg ttggaaccgg ggaattttct ggggttaagc tttttgctgg 420
gactaaaatc aaaactgcac tgcagagcag gtgaggggtc atgcgcgcgc gccacaaac 480
acacatatag agaattaaaa aaccatttgc catccatatg ggaattatta 530

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<210> 8411
<211> 472
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ..(472)
<223> n = A, C, T or G

```

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<400> 8411
gtggagtgta ttgtagcatg agattaaggt tttggcacat ggggtggagt ggggaccgaa 60
tgggatatct cagttttctg ttgaagccta ctatagacgt tcctgtcatc gttcgactct 120
ctctcacgtg cgactgccca cgtgtgatta gtatgtgaat accaccgggt tatgggatcc 180
aatggatatg cttgacgtta gggaagagat acctatagta atggggagtg gacaggggat 240
cttaatgatg cgagcctgcc aggcgggaag cgggcagact tgcgggttct tcatgaatgc 300
agaggggtgt gggattgggg ggcttactgc gcgcactgtc tatgggaatc ccatagctg 360
gcctctactg atggaatatg ctgtaaagaa tgacggggta tggggatggg tanagtttga 420
aatttgaata aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa ca 472

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<210> 8412
<211> 854
<212> DNA
<213> Homo sapiens

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<400> 8412
tcacctgtct tctaattaga gcctcttact catctgtagc acgagtcatt tattttgtct 60
agtacaaaga atatttcgaa tactcatgac taaagagctc aggagttcta gctaaagaag 120
aatcttgaag cattggaggt ttgaaaatct gcataaagat tttgaagatt ttttaagat 180
tcatattata acagtatacc gttggtctaa tttttcttaa tctactaaaa acgaaatagc 240
acaggtcaga tgtgacttgc ttgctttctg ctctgtaca atccaggagt gttaatcaaa 300

```

```

aagcaaaatt tgtgacatca gttttatttc catggctact gattgtaata ttacaaacat 360
gagattactg gctagttcat catgaagggt aaagaagatt cctccttgga taggatctcc 420
aaaaccaaca ccaaggggaa tattatcaga gctgcttcca gcagcgtgtc ctttcaaaaa 480
tgttctcatt attctgagag ctttggttta ttttgtaggg gtttttatca tttgtgtgtg 540
gtggtaata ttttaatttt atgtgcttgt ttgttttatt tattcctcca cccccagtga 600
cccggttaga aaatgggttat tttagatggt agaagcccct ctgttaaaga gccagttctg 660
ccttcgttta attcttcttc cacaataag atttattttg gaacttcagt caaaaacatc 720
tgtactttgt aacagacaaa catctgcctt cctaccagag ctgtcggcct tgctgatgtt 780
agataaatgc attttgttct ttgaagcccc tcatagagaa gagactgtac cataagagaa 840
gcccaactcat tttg 854

```

```

<210> 8413
<211> 594
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ..(594)
<223> n = A, T, C or G

```

```

<400> 8413
tggctcctna gacttgttac ctcaagtaga gatgttgggt ggacaacccc attcccatgc 60
caggcattct ctccactcat caaaccacag tcttctgtgc tgtttctgtt ttgttttgtt 120
ttgttttttt gagacgtagc ctgggcaaca gactgagact ctgtctcaat aaaacaaaaa 180
catacaacta cttttgctgg atgctgtgtt ttactgttgt gttgtttttg atctaacacg 240
ccctccagtt tttcactct tagccagttt ttccagccat atcttttctt tgaatatgtc 300
cagacaatat ttcatggatc aaaatattaa caaggataag atgaaaatga taaaaccttg 360
tgcttttcat tttctacac agttttctgc atgtatcttg tataactaca taaggatatg 420
tagctaaaaa aaataaaagt gtgtgtttgc agggaagcgg aggcgggggg gcgctgggtg 480
tgagtggagt cacagtaagg ctgtagatgg agcgccctgg gaagggtggt ttttttgggg 540
gtttgctcac ccggggaag gaggagttag ggtttgagga tgggtggagg ggta 594

```

```

<210> 8414
<211> 162
<212> DNA
<213> Homo sapiens

<220>

```

<221> misc_feature
 <222> (1)..(162)
 <223> n = A, C, T or G

<400> 8414
 ttgntggtga tctacattag aggggtaata ttattatttt ttctattcttc tgttatggaa 60
 atgtaaatga ttttactatg tttcttttta tgagcattgt aaagatttta tgaatgttat 120
 tattcatgta tgtttatgtc tatattgaga tagtatgttg gt 162

<210> 8415
 <211> 466
 <212> DNA
 <213> Homo sapiens

<400> 8415
 ggtaatatgt tggatgagac ttacatagaa ggggtatatt tgataaata ccttctacog 60
 aaatggaaga gtaaataatat ataacttgaa acattttatg agcattgaag acattaaatg 120
 aatgatatta ttctctacatg tttatcgcta tctgagatg agttgttatg ggtatgttac 180
 agtagtaaca cttctgaata aataattgca gcattctacc atttaggttt ataggggaata 240
 gctatggagg gacggacact cttgacatga aacttataaa aggacagcgt gagagactaa 300
 aaactacagg cttttctctc tcaagaacat agatagatga actttaaaca taatgcttgc 360
 taactttatc ctagcgacag attaaaagcg cctttgggccc tccatctttt tttgttggtg 420
 gggctattgt tgcggttggt gtaggcagca acccagtcct cttctg 466

<210> 8416
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 8416
 aataggcagg ttatgtggct tattactggt gagcgaataa tgtaaacgat gagcgaggcc 60
 ggggtgcagg ctctgcaggg ctactggtga ggcacagagt acaaattgac atttcactat 120
 gtttgtgtgg gcagacactt ggaagggtgc tcaccgctgc acgagtgtga aggctgtgca 180
 tagatcattc tggcgctcctg tgttgagagc agcctaattgc tcacgg 226

<210> 8417
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 8417
 acatgggtga aagaacatct atttagtgtg gagcagataa cagccatgtt gtttgactaa 60
 acgtgaagga aaactgcgtg gaaaacagcc ctcaagaaaa cccagtaaca gcattgtggt 120

tatcttcagg tccccttcct ttcttttaca ggatgctgga gaaggcgatc ctgtgttaag 180
 atgcctgcac aagatttggg ggccttaaac tgttttaaga cttatgaaat gacaatgaca 240
 gcctgttgct ttggaattac gggattttta taag 274

<210> 8418
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 8418
 tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60
 tttttttttt tttttttttt ttttttttgg ggaggggggtg gtttttttggg ggggttaggg 120
 ggaaaagggg gggggatttt tttttaaggt ttttttttga aggggggggt tattaataat 180
 ttgaaaaggg gggaaagagg gtaaaaaaat ggaaatttaa aattttttta acaaatattg 240
 gtggggccgg ggcggggggg gggggggggg ggcgggaagt gacaggagtg 290

<210> 8419
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8419
 gggggaaatt ctgagcctgt cagtttggaa ttgaggtttg acttgtggaa ggtggacttc 60
 ttgtgtattt gctgctgctg ctctcatgctg gtttgtgtgg gctacctggt tgattatctt 120
 gcatgggtgg gtgttgttgg tggaaatttg gatcacgggg tg 162

<210> 8420
 <211> 210
 <212> DNA
 <213> Homo sapiens

<400> 8420
 attatggaaa catgaagcta tttaggggtt tttttcccat aaaggaatgg aaaagtaatc 60
 cttttttatt ggaaaaagac cattatttta aaaatttatt gttttctctg gtataagaac 120
 atcagttaca aatgaaatgt tatcaaatta atatcctatg cttactaagt ccacctcttg 180
 gtccttattt acaaaaaggg gccattggcc 210

<210> 8421
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 8421
 attatggaaa catgaagcta tttaggggtt tttttccccc taaagggaat ggataagtaa 60
 tcttttttat ggaaaaagac aattatttat aaaataaatt gttttttgtg ttatagtaac 120

```

atccagttta ccaatgtaaa tgtatatcca atataattat cctatgccct tatcacagct      180
ctactctctc tggttcttca tacacaaata gtggctattg gttatccttt tgcctctca      240
ac                                          242

```

```

<210> 8422
<211> 194
<212> DNA
<213> Homo sapiens

```

```

<400> 8422
gccgggtcag ggtacacctc acctacccca cctccagtca atttcatttt aagttcatat      60
ccaaactata agaatatgta ataaataaaa ttcagcaagt tgtattttac ctttaaaaaat    120
acacctatct tcccactttt tggttaagta tttttaacat ttttatgtta tattatttcc    180
tatcagtggg gaag                                          194

```

```

<210> 8423
<211> 210
<212> DNA
<213> Homo sapiens

```

```

<400> 8423
cgacctttat aaaataacga ctaaaacctt gttgtggaat tatggtatat agctctaaaag    60
aaaaaattaa tctgggatta tatttagagt tagtagagaa gaataataga aattttacttt    120
tacataacta taaaacatgg tctattatta atataaggac taaaagcttt cttggtggat    180
cttcaacaat ttaattctgc actttatata                                          210

```

```

<210> 8424
<211> 322
<212> DNA
<213> Homo sapiens

```

```

<400> 8424
gagggtactgt attatgggaa aacatgtaag gctatttagg gggttctttt cccccctaaa    60
gggaatggaa aagttaatcc tttttttatg ggaaaaaagc acaatttatt taaaaaaat      120
aaattgggtt ttgtgtgtta taagaaacac ccagcttacc aatgtaaatg tttattcaaa    180
taaataatct atgccttagg aaagggtctac ctttctgggt cttattaaac caaaaagtgg    240
gcattggggt tcccttttgt aacttaaccg ccagggggtc catttgggaa atccacccaa    300
tcaagtatgg taggtctggc gt                                          322

```

```

<210> 8425
<211> 194
<212> DNA
<213> Homo sapiens

```


<400> 8425
 tggaccggag gtaccagggt aggtagctag atgtctgttc cttagcatcc cacctgcagc 60
 cttgacaagc ttcaactatc cagcagctcc tatatcaca accgcaccta cacgtgggct 120
 aagggaagtta gcttggtga taacaacaca gacgaacgaa tcaacgggga gaaaccgatc 180
 catggagcta ggtc 194

<210> 8426
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 8426
 gtacaagctt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60
 tttttttttt tttttttttt tttttttttt tttttaaaaa aaacaaaaaa acaaggaaa 120
 ttaatggggg gaaggggaaa aacggggaaa aaggggggaa aaaaggggga aaaaaaagga 180
 aaaaaaaaaa aaacaaaaaa tcgcggggggg gaccaaaggg ggaggggggg ggaaaaaaa 240
 aaacgggaaa aaacacaaa accaaaaaaa cggggaaaaa aaaaaaaaaa gcctccctct 300
 ttcaaaaaaa agggggggga cggggcgggg ggaaaaaaa acaaaaaaat aagggggggc 360
 cgggaaatat caaagggaaa aatcccacaa caaaacaaac cc 402

<210> 8427
 <211> 450
 <212> DNA
 <213> Homo sapiens

<400> 8427
 agcttttttt tttttttttt tttttttttt ttgtcttttt tttttttttt tttttttttt 60
 tttttttttt tttttttttt aaatcaatta aagaattatg aaatttattt gggtagaggg 120
 aataacggg gcaaatggt gggaaaagt ggtaaaacaa gtttacatta aattactta 180
 caattacggt ggggtacatt tttggaagg gtgggttttt aaaaaaactg gcttaaatc 240
 ccaaccttaa atattttgga aattaaatca ttagcttttc ttttttttta ttaaggaggg 300
 gggcttggtc ttgggtttat ttaactttta cattaatggg gcacttggtt atcttatggg 360
 ataattttt ttctcattta agcctcccca caaccttga aagggttac cccattttta 420
 tgggggggaga aacaggctta gaaggggaaa 450

<210> 8428
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 8428

```

ggcagaacga tctgcactct ttgttttaggc atgttggtt gacaattaat aactttcatc      60
tgacttttat aaggaacg acatgcttgg aggctgagga tgcttaattg aatgataaca      120
acacagacgt gggtatat tt gatgtgacag tgattgacat attcagtcgt tacgagatct      180
gatgattgaa tgag                                                    194

```

```

<210> 8429
<211> 354
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(354)
<223> n = A, T, C or G

```

```

<400> 8429
tctgactatg gaaacatgaa gatatttacg ggtgtatgcc actaagagga gaggaagaa      60
atatttttta taggaacaat accataatca aaaaaaaaaa ttgtttattg tgtataaaac      120
acaagccaca acgaaatgac atgaaaaaat atttatgatt angaaagggga atgttttggg      180
tttataaaca aaagtggcat tggtttactt tgtaagtaac gaaggggttc atttggaaatg      240
cagcgataat gatggagtat gggtttaccat atttttttag gtaaaaaaaa aatgctctgg      300
ggcatataat gggtattttt aacggggaaa ggggggtagt tattaatttt tttta      354

```

```

<210> 8430
<211> 226
<212> DNA
<213> Homo sapiens

```

```

<400> 8430
ttacatatgt tgtagcata agacactggc gatgtaactg ctctaacaa aacaccgaaa      60
gttgctctat gcaatatata ttattatata catatatata ttacataaa atactaaaaa      120
agtgaagcc aataataaca ttggataaaa gtaatacata tctgctaagt gacaatatca      180
aaaaaatcaa ggaataattt tacaataata taaataaaaa gaatgt                226

```

```

<210> 8431
<211> 498
<212> DNA
<213> Homo sapiens

```

```

<400> 8431
ccccccctt tttttttttt tttttttttt ttttttaaaa aaaaaaaaaa atcatgagaa      60
atatttgggg acagagaaaa acagggacaa aaagtggaga aaagagggtga aaaaaaattt      120
acataaaata tacaataaaa tacgtgtggg gacatatgtg taagggagggg ggttttaaaa      180

```

```

aaaacgggta aaaaaacaaa acttaaatat ttgcaaaaa aaaaaatctt cttttttttt 240
ttttaaaaa ggggggggag tatttttttg gttaaaaata atataaaata aaagtgggac 300
ttgagtattt tatggaaaaa ttttctattt cttttatacc tcacaccacc cttgggaagg 360
gttataccca ttttttgggg gaaaaaacag gggtaaaaga gggaaggggg atattttgtg 420
cgcgcaaacg ctttatgggg ggaagatttg gtaattgaac ctataattgg ggcttctttt 480
taaataataa atattttg 498

```

```

<210> 8432
<211> 178
<212> DNA
<213> Homo sapiens

```

```

<400> 8432
gtcactgtg gctacagcat agcagaccag tagagccaga gacctccat tcaacacata 60
atgggaacct tcctccttat aaaggcggca ggcgccacct tcaagaagcg aaaaacctaa 120
cgcgacgcaa aagttatcac actaaacagg acaacctccc gactccactt tgcocact 178

```

```

<210> 8433
<211> 306
<212> DNA
<213> Homo sapiens

```

```

<400> 8433
actgattgtg gcaagcatga gctatattag gggacttgct aaatagagga gtggaatgtg 60
gtaaaaatga tggaaaaaga caagtgcata aaaaggaaaa tggcgtgtgt gtgtagaaca 120
ccagatacaa tgaaacgtca tgcataaata tctatgctta gaaagcatac ctcattgtca 180
tatgaacaaa agaggcattg gtgtaacttt gagaagaacg cgggggctga tctggaacac 240
gagaatcatg aggggggacag gaaacccatc ttgactatgg ggaatgaaca tagctgagac 300
ggagcc 306

```

```

<210> 8434
<211> 194
<212> DNA
<213> Homo sapiens

```

```

<400> 8434
cggagtatgg agaaatgaag ctatgtatgt gattgatccc ctaaaagaat ggaagttat 60
ctttagtatg gaacaacaca attatatgag aaagaaaatt gtagtctgtg tcttcaatac 120
cattatagat gtagagatgc gtatcaatag aatattgtat gcgttagaag agaataacct 180
acattggacc ttat 194

```

```

<210> 8435

```

<211> 514
 <212> DNA
 <213> Homo sapiens

<400> 8435
 gcacgattgt acatgcgtgg cgccaatcaa caatatataa cagcaccgaa aattattgtt 60
 gcatgatgca tgtttgtgtg gttgctcaca ctgcaaagga ctgtataata ggggatgaaa 120
 cgggtgctgc gtagacatgat gatggatcgt ggtgatatgc atgattgacg agctgacact 180
 aaccatagaa gatgtggtga tggattaata tgataagtca cagacaaaga tgcaggacgt 240
 ggtgcccgac aatgccagct atgacagcgc gctcatgacg tgtcatatca aggggtgatga 300
 cagtgatagc cagagggatg ctggatagca gatggaggca gggacaattg gtgaatagga 360
 gtggagagag catagcagta ggagaactgg agaagctgcg gtgtgtctct gagtgcagct 420
 ggaacttgga caagagatta ggcgtgaggt gaacatcata ccacctgccg ccgccagacg 480
 tgacaatgat aagccacaat gcgtatgctc tcca 514

<210> 8436
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 8436
 acaagctttt tttttttttt tttttttttt ttttttgggt ttaaagtta ataataaaaa 60
 cacatggaat aaagggggta atccatgtat tggaaacagc agaaaaagga ggaaggggga 120
 ccatcccatc aggggacact aatctttggg gtaaaactaaa ataaataagg gaaataacac 180
 ttaatacaat aataaagaaa aaaaaaaaaa ttacattaaa aaaaaaaca ggaacggggg 240
 aaaggagccc gggattggga ggaaggcgg tgcatggaaa agaactcagg ttcaggggac 300
 cttcctggaa acattctggt gt 322

<210> 8437
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 8437
 caagctttt tttttttttt tttttttttt tttgggttta ataataaaaa cacttggaa 60
 taacggggta atccaggat tggcaacagc aaaaaaaaaa ggaagggga ccatccaaa 120
 aggggacact tatecttggg ctaaattaat ataaataagg gaaataacac ctaataaaat 180
 aatacagcaa ataaaaaaaa ttacattaaa aaaaaaaca ggaacggcgg aaaggagtcc 240
 ggagtatggg ggaaggcggg gtaagggaaa agcatccagg ctgaggggac cttccctgaa 300
 aacttcggg tctgagcag ctcaactcag tcccaggcat aacacgtacc ccgg 354

```

<210> 8438
<211> 258
<212> DNA
<213> Homo sapiens

<400> 8438
acctcaact cagagtttct tcccttcttt gattttcttg aggacctgca gctggccttc      60
ctgagacagg ctccattcct gttccatttg ccttcccggc agccttccct ttagtgggta      120
taggttttga cgttctgagt tactttgtat caaagagcta attaaaaatg gtccttc meta      180
aacataaga aaaacagctt gaaaaatgta cctgcccggg cggggggggg aggggggggg      240
gagaaggggg gggggggc                                258

<210> 8439
<211> 290
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(290)
<223> n = A, T, C or G

<400> 8439
tgtggtcagg cttatgaata tgctcangtt taatgagatg ctctgttgta atgtgatagg      60
ctgtggaaac aacaatgagt ggaatgacat caatgatgcc aatgaaattg agcatgtcaa      120
ctagcgcatg aaaaatgggc atgatcatca aagatggtgt gacgggtccat aagcgtgcga      180
cggggccatac aaggactttg tgccggaaga acggcttga catggggata ggtaagcaga      240
tgggcatatg tgaggggaac ggtatcttgg ctgctgacat cgcgatcgct                                290

<210> 8440
<211> 434
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(434)
<223> n = A, C, T or G

<400> 8440
ggtcggcng ggtcaagcct gcgtatcaga atctgagaca gcgtgttggc aactttgttg      60
caaatcactt ggcaactcac acatggagtc cgcattctca taagaaccag ctaagaaaca      120
acattaaaca acaagtcttc aaatcaggaa tgttggagtc tggatttgac ogaattattt      180
ctcaggttgt ggacc caaag atcaaccaca cattcagacc tcaagtagag aaagctgtgc      240

```

```

atgagttttt ggccacgcta aatcacaaag aagaagaag tggcaacaca gctcccgatg      300
atgagaaaac agacacttcc cttattacac aagggtgtcc tactcctggg cccagtgccta      360
atgtaaccaa tgatgccatg tcgatattgg aaaccataac ttctcttaac caagaaaaca      420
aggctgctaa ggct                                         434

```

```

<210> 8441
<211> 450
<212> DNA
<213> Homo sapiens

```

```

<400> 8441
gacgggctcc acaacaacac acgggtgtggc acactcaaac tcacctacgc agaacctaaa      60
gcgggtgtgt aatttgaacg cggacatatg tcattattaga atgaaatata ggcattctga      120
aaaattgtat ttctatgtgt agagatgaag gaaggatggg tataggctta gcttgatact      180
gcaaatataa accagggatg ggggtgtagga attgtaaaaa caggatgatg ctgattattg      240
taattcataa cattaggaga gagataacgg actaatattg cttcaacaga taaaccaaaag      300
aaagaaggag tgccataaca tatactctgc acacaatggg acctacagct tattaactg      360
attttctttg tgctatatct gctaaatatt tgggtgataa tgtccacttg ttgggtctcc      420
atactgtacg aatgaaacct caatttacag                                         450

```

```

<210> 8442
<211> 210
<212> DNA
<213> Homo sapiens

```

```

<400> 8442
ggacgtgtac ttgagaaaag aagagtaata atgaatataa cttaatacaat aaaaaaaca      60
aggattttaa aaaaagaaag gaattaagag aaatctgaa tagatgtatg caagtgtaa      120
cttaataatg attagagtat tattttggata actaaataat aatgaatgaa gcagagactg      180
aataataaaa taattaggag tagactaagg                                         210

```

```

<210> 8443
<211> 434
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)..(434)
<223> n = A, C, T or G

```

```

<400> 8443
gtaccgcctc gaagataaaa tgaatgaaat aatgaatagg catatcaaat gatatatagt      60

```

aatatatcgtg	ggagcaacta	gcaatgctga	taaccttgaa	tgatgacaaa	acaaaattgg	120
taaaatagaa	gaataaatta	ccaatacaat	atactagaca	ttgttaaacc	acaatgggtat	180
agtgaatgca	agaattatga	gtgaaacaca	cagtgaatag	agaagcgaga	tacgacatat	240
gaaaagacag	tgtaattctg	atggtnngta	atggtggttg	ggataagact	ctatgatcac	300
atagctgaca	aggcgataat	aaatgatcaa	aaaacatatg	gttgagagacc	atgcgctggg	360
gactttttct	gtaggatatg	ggagtgggaca	atctagggtcg	ccaccgcgct	aatcactaat	420
gtatttcgcg	ccgc					434

<210> 8444
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8444		
acgtgtactt	gaaaaaagaa	gattataaat aagtataact taattattaa aaaatacaag 60
ggattaaatg	aaagagagta	gaaaggaaaa attggaatag atgtagacaa gattgatgtt 120
aataattgat	tagagtatta	tttgtataga aaattataat ga 162

<210> 8445
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 8445		
gacgtgcaca	cctgaataaa	ttgtatgcta tactaacttg ccaagattac cacaacatta 60
aaaacatatg	tatacattaa	tgttctggca gtggactatg agaaaaaac tgaaatgaat 120
acagtgatgc	atgtagaaca	tgatcatgtgc aaactggagt ggatgttgag gacggagcaa 180
tgagaatctg	aaaactcaca	gggatgaaaa aaataaacga tactta 226

<210> 8446
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 8446		
gagtgacaaa	caaaaaagaa	gtgtataaaa aaatattgca tgatttatta aaaataaaaa 60
atattagaaa	aaaaaaagaa	ttaaataaga atttgataaa ataatacaaa gaatacttag 120
acatatgata	aaaatatgat	tgttctacta cattctaatt aagaaaggag attgagagat 180
aaataaagaa	ttaagagtag	tgaaagagta atgagtaaga gtatgaaata gggatgtaat 240
ga		242

<210> 8447

<211> 162
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(162)
 <223> n = A, C, T or G

<400> 8447
 aagtaccaat gtgctgggag gacccaataa ttgatgcagg ggtgtggggg gttacactgt 60
 gactaaaaaa accacataac atcataactg gaacatcact atgttgggat ctgtatctac 120
 agatcacata aggaaggga gtcgtggaga naagcatggg gt 162

<210> 8448
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 8448
 cagggttaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaagcttg tacaagcttt 60
 tttttttttt tttttttttt tccagctatt cataaaataa attttttaga ttggcctata 120
 aaaaaaaaca tccaaccacc tttccctagg aaccttttg acaccataag aacaaaagct 180
 ctaacatata ccta 194

<210> 8449
 <211> 513
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(513)
 <223> n = A, C, T or G

<400> 8449
 ggggtaccaa tacaccgaca aaagaaaaaa agcagatggg ctgctagggt tctgctttta 60
 aaaaatttca tataagaatt ggggttcaag caggaagcca gaactctctg ctctgggttct 120
 taaattaaca ttoggtgtgt aatggacaat aggcaggagc tcataatttg actaaactcac 180
 atgctcaagc atgatcgtgt ccaatttcta caggcctcct ttgtaagaa atgtgtaaca 240
 atggggggaa agtcataatt ctacctgaaa acatggattg taagaagaaa taaaaaatc 300
 aaacagtatg ttttaagttt cccctttgat actgtgttct agggtaagtg acagcttctg 360
 caaaccaaga ctgagtcctg attataaagg atttttaaaa ttacattatt aaaaatatgt 420
 atttattctt ctttcacttt atctattttc caagcctct ttcaagtaaa ctgtgaagtg 480

cctgagtacc tgccccggcg gngtggtgg gtg 513

<210> 8450
 <211> 638
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)..(638)
 <223> n = A, C, T or G

<400> 8450
 actagaaaag cctggctgcc atccatcgct gcctctgagg tggaggaaga ggcgggtgat 60
 gtgctcactt ctgatcaaca tgtgttgctt cctctcagcc aacttctatc tcaactgcact 120
 cactctgggc atgataaatg ttctgcacct ttctgcttca ttctcttangg cctaaatcan 180
 gaagctgttt tatcgatggt ttctttttgg gtcagtaacc agctttggat aatttcctct 240
 gattattcaa gtcgtgggac aggtaaacta cattcagcan gaacttttct ncgagagtgt 300
 tatgtctatg aaaagacacc aaacacagca agtattgtaa tgaatacacc atcccagggg 360
 tcagtaagct ctgcctgcc aagaagacaca gtgaggaggg tccacagtcc tgaatgagt 420
 gcgttttgga actttagtag cctagcatgg ccagggtctg tcacccttaa gaacttctca 480
 gagaacttag gaatcttcag tgaagaact aatgttctcc tcagctgaaa ttcccttgct 540
 tgtcagcatt tctgcaaacg tcacacttgt ttaccatac ctcccttgga tgtgacatgt 600
 angtangaag tatgtgcang tgggagtcac ttgttagg 638

<210> 8451
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8451
 tacatgtcac accacggcca tgttttgggt attgaatcgg cttgggtatg cggcctccgc 60
 tgactgcatt ggacattgat ctctggggaga cgtgaagagg atgtaagggt ggctatgatc 120
 gctaatagca ccgagtgctt ccttctgtga ggtgactgag ac 162

<210> 8452
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 8452
 gtgcatgcta tcaatgtgtc caattccac atcctgagct acgcactgga agacatgcct 60
 aagaaaaatg acgaaatata ggtacttctt gatgacagac gaagcataag ataacatata 120

atagtataga tgaagcaaat ataacgacta aactaatctt acataacaat gcattacatt	180
at ttgacaca catggatcatg atgtgattaa gataagatag acaaatatga agattaaatg	240
acataaatggg tgtgaaagaa cgaagtgaat tgatacacac actatggtaa tatctgtatg	300
atatacacta atactactga tcatacaact aaaacaaaaa acaagaata tctagttcct	360
gcttgatcaag catgtgataa ctaatg	386

<210> 8453

<211> 162

<212> DNA

<213> Homo sapiens

<400> 8453

tgcgatcatgc ttctcagttt cttctggtaa ctaatgacca agatgaccaa tacattgtca	60
acaatgccaat gatataagat aaggtagtag aatggattat ttgatattta ttttgtaaat	120
gtgatctctt ttcaactcaa ttttatattt ctttatgatt tt	162

<210> 8454

<211> 194

<212> DNA

<213> Homo sapiens

<400> 8454

ttacaactta taagaaaaag taaagggaaa cctcaacatg catgcaactg ccttgtgtga	60
ccagtgtgaag taccctccac gagctatgga ggataattta gccccggaag cggttatgctt	120
ttcattattc aactgttctc ccaggggtgt tgcttgggtca aaattaaatt atttccatcc	180
atagccaaga tttg	194

<210> 8455

<211> 178

<212> DNA

<213> Homo sapiens

<400> 8455

tttgatttgg ttaagacttg atgatatgga tggaacctca ctcttaaatg cgtgatagac	60
acacactcta tgcaactgga gaagtgtgac agaaagtctg ggtaggggaa cacacatata	120
ggccttggtc atctggctag cagaactatc ctgtgttgag acaaatggcc cgtgcgct	178

<210> 8456

<211> 226

<212> DNA

<213> Homo sapiens

<400> 8456

gccgatgtac gaaggagcc aatactacat gaggtgtaat aatgcatacc tataactgca	60
ctcacctcta tgtaattgct cacatgccga ccaagtgac aattttcttc actgctgaca	120

cttctgagtg atgatatcaa cgaatgaaca cgctgccact ctctgacaag acaactacga 180
 atatcattat atataagaat agggaggggc tctgcttact aaagac 226

<210> 8457
 <211> 482
 <212> DNA
 <213> Homo sapiens

<400> 8457
 gaggactgtg taacatgtgt cactgggcaa gctgtgccta taatactggt gatgctgtga 60
 gaggatgtgt ttgggtgact tgcagtggtt gtgatttgta agagttaatt ttattttttg 120
 taacattttc ttatgatcat gtctgtgttg ggttgatagt gaaggatata atgacttgtt 180
 ggttgtattg tagatattgt gacatcagac gggatcacgc taatcacttt tgtattttcg 240
 ggcgggtgta agtctagcat atgggagagc tacataagcg ttggattcat acgttgaact 300
 attctataat gtctgctatt atagggtggc gtgatgatgg tcataagtgg atactgtgtg 360
 aaattgttat tggctcacta ttgtatacta tataggaaac ggaataattg gtgtaaagat 420
 tggggtgcct gatgagttag ttaaattgca ttaattgcgt tbtgctcact ggctgctttc 480
 ca 482

<210> 8458
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 8458
 taggcatttc tgacatttta taaacctaca tttaagggga atttttaaag gaaatgtttt 60
 ttcttttttt tgttttttga gggggcaagg agggaccaga aagttagctc ttcttatgtg 120
 gaattattatc ataaaattac cttagtaaat gccatgttta taatctaate ttcaaagta 180
 ttgaattgat gtctgcaatg cccatccctt cttcttagga attgga 226

<210> 8459
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8459
 aggtgtcaca tgtagagcta gtcatattaa tataacctgaa tggtatgtat tcatgctaat 60
 taatataatt tgcaccaaca aaaacgtcaa acaacatatg tgtttgggag gtctttatgt 120
 aactctgtat ataaaatata atgcacgttt ttcccggtgt tt 162

<210> 8460
 <211> 674

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)..(674)
 <223> n = A, C, T or G

<400> 8460
 ccatgaagtc tgtcttttgt caaagttcta tgcagtccca ggatagcgtg atagcagtgg 60
 ttaaacacaa ccagctagtt atagctttca ttgtatggaa agacctctct ggtctggaac 120
 tctgcctttg aaattatcca cgtagttcag aaggcaaata cttgttaaag ggatcccaaa 180
 aggtaggaga caagtagttt ttgttatgca ttggggcaga ctttcaagca caagacacaa 240
 aattgagcag caaatgtttg ggtagtccca tctcccttcg gtttatatgt gggtagtaaa 300
 ataaataaaa ttttcttctt ttgtctcttt cttgaaataa aatcaccagt atccaaggag 360
 agctgaggat tctcaatttg ctgattgctt ttaaggggtc cagatttaga aaattaagga 420
 ataatgaag aacaatttta ctggagtagg tgtggtcaat angccctttt tctatttctg 480
 ccattgcttt tagcacaagg atgtcaaaaa tatcacatag aatgtcatct ctgatggact 540
 gacagagacc tctgtttgtg ctgtgttagg acatgaggct tatccagctt tggcgggaga 600
 gaatgctaag catgatgagt gagatctgcc acaggcacgg atattttctg ctctcttctt 660
 gtttgtttca aaca 674

<210> 8461
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 8461
 atcaccatca gggtaaatga cactcctgat gatgctgtta atagaaactg ggtataaaca 60
 cctcccatc aactcaagc acaatgtgtg tagttctcta ataaggagat gaattgttct 120
 tttataccat gagagtga tgcacggcac acacttggtt aagggtgtg cctgcatcaa 180
 aaataaaata catagaatga gtgtaatgtg aacataaaat aaagaataaa tagcgtggct 240
 gtcacatgct atttcccttt atggaagggt agtgatatgt cgtgcatgct gcgttctgca 300
 caactggcct actgggaggg cactgttgct gcctgggt 338

<210> 8462
 <211> 498
 <212> DNA
 <213> Homo sapiens

<400> 8462
 gaagagcata ccgatcta atgtagccagt cagggtgtgc cgagattgca aatactagat 60

```

ctatatatca tataatctatc attatatata tgggagaata tattatggga aatatatatc 120
aaaaatctat atataataaa gtatttagta gtaatgaata tggatgatag aaaatatata 180
tataatatat tatgtatata tcatgatgac tgatatactg agactgtcgt actctgactt 240
atgatgcatg gctatgtgag cacagggatg tgactacggg gctatatatg cagggaaaat 300
aaggcgata acatgggtag tatgtctagg gtatgtgtgt aatcacagaa gatgaatcag 360
tgaagagata ttattgaatt gatgctatc agataatgtg ggtgtgaaca gatgcatggc 420
atcagaggca tgtctgatat ggcataatg agtgaagtga aacgtatgaa gagatactga 480
ttaaagagaa ttcatgca 498

```

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<210> 8463
<211> 290
<212> DNA
<213> Homo sapiens

```

```

<400> 8463
ggtaaagcta tttgggtcga ttgttaattt agtttgcttt agagagtaga acatataatg 60
cgacaaaaga ttagtaatga gaaatcagat atttcattgg atgtgttaag tgtcaaaagt 120
cactgtaatg gtgttgtgtt caaccgggtg tttgttttga agaataatgg tgtatgtgtt 180
acatcccatt cttcatgtcc aaatttttga cgttccttgc ctactcagc tgtgataaac 240
tggctcggag ttgctgaccg accattgttc atcgaatgag gcattatctg 290

```

```

<210> 8464
<211> 242
<212> DNA
<213> Homo sapiens

```

```

<400> 8464
ttgggtgggt gaggagggtg ggggtggtgg ttgtgaagtg ttgtgtggat atgtatgggt 60
tatagagtag atgagaatgg gataaagatt gtgaattatg aggatgttga gtagagttag 120
tataaggggt aagatgtatg aaatatataa tgaatggatt atgtgagggt aaaatgatag 180
ataggggtat ggtggaatgg agaggatgta atttataaaa tgaatatggt gttttgattg 240
ta 242

```

```

<210> 8465
<211> 178
<212> DNA
<213> Homo sapiens

```

```

<400> 8465
gggcccaggt gcacatgtgt aaagttagtc atgagataaa accatcaata tctaatatat 60
atgaatcaag tgtgagttca caactacaaa cactaaaaca cattattaaa aaagcttgta 120

```

cgagcttttg cttttttttt ttttttggtt ttccgatcac aacgcttact atacgttg 178

<210> 8466

<211> 402

<212> DNA

<213> Homo sapiens

<400> 8466

cgcgggggag gtacacttaa acactgtgag aataacagag aaagatgagg gtttttatat 60

acagtggccg ctgtgtttgc ggcacttggg aatgacatgt ttgtttttac accaccgtga 120

gcgggacctg gaagtagagg gtgcgctgca caaggcccaa agagaatatc attacttgct 180

gatggtgggt cacgtgcgcc gggcacacgg ctgtggcgga gctagcgctg gccgcttgcc 240

agcttcacgc atgggctccc tactcctgac gcctatatgc atactgttgt gtgttgcaac 300

tgtgtctacc atacaatgct cggaggggat ctgggaatga cgtggtgtgg ggagacatgg 360

ctatgacggt tgaagattga cccatcttcc cagggtggag cg 402

<210> 8467

<211> 210

<212> DNA

<213> Homo sapiens

<400> 8467

ttaccgatgc ggccgcgcgc ggcgatgcac gtgatcaatc ttgtactgag gccacagggt 60

tgcaccagaa attctgcttc taacacttat gtctgagtcg tgctctggag agggctgact 120

gcacaatgat tatcttttct ttacatgtg gcacgtacgt gcagcatcag caagggtggag 180

gggggctcgc gctccacacg cccccaacaa 210

<210> 8468

<211> 674

<212> DNA

<213> Homo sapiens

<400> 8468

cggggctgac gtgcgatgata aaaatttgtg gaaaacatgg gtctctgata cgggggcgga 60

tcaactcctg acacgtaatt cttaggatca atatgttggg ctgtgctgag gctgacagggt 120

gatcttgggg tggctctttt atggctcgtg gaggtcttcc atggttaggc ttgcattata 180

ccatcagatc atagaagcgg acacattgac tcatactcta tggctagtaa ataagatgta 240

ctggatagtg aatctctttg gttacgcatg acgaataact ggaagaggga gagtgacata 300

aatataatgc agagccatat tgtctacttg tactgcaaac ttttgatgat ctgtatagat 360

gaccagagca tccaactgag tgaggagcat catcgcgga gacatgattg tcattgcata 420

cgatagcagc ggagcatata aagaggatat tggcatgctc tgcgcgaggt ccaggctact 480

```

gactaccgta tgtgatgccg actgcagggt cgatatgatg gagagctcag ctgcgctggg      540
atgggtaacg ttccggttcta tagtgtcacg taaatagctt ggcgatgatga tggatcatagc      600
tgtgtttgtgt gtgagtggtt atgcgctcac aaaccacaca catacgagcc ggagcataag      660
tgaaaagccg gggt                                     674

```

<210> 8469

<211> 226

<212> DNA

<213> Homo sapiens

<400> 8469

```

cgcgccgag gtaccggtga ggaaagtgcg gattgacact tggatgggtg taagtatgaa      60
tcacctgatg aggtcacaaa tacaatgcaa tcgtcaaact atttatagca gcctctaact      120
tgcttcatac gcttctgttt acagagttaa tacgacccat ctgctgcagt gaatgtgatt      180
gagctctcaa ggtctgggca agaggggatt ggtgtaagtg tatcca                      226

```

<210> 8470

<211> 162

<212> DNA

<213> Homo sapiens

<400> 8470

```

ggcgccgag gcctgacggg gaggagggtt ttgggtgtga tgaagattgt ggcggtgttg      60
cggcattgga cagcctagaa gctcaggaca agtgatgact ctgtattgga aagtgatgac      120
gcaaggccgg gggacgcagg ggcagccaac acatcagcca tc                          162

```

<210> 8471

<211> 226

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)..(226)

<223> n = A, C, T or G

<400> 8471

```

nccgntccg ggtctagntt actgggacaa cctgntgntg gncaggnta tggcactcac      60
gggctgggn taaggcacag ncctgggnta actcactggg cattggggcag gctatccggc      120
atgggctatg gcacagcatt cctacctggc catgacctgt gcatgctagg cacagctatt      180
tgcggtggcc tccgctctgc tctgtgctat ggccgcgcac agcgca                      226

```

<210> 8472

<211> 338

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)..(338)
 <223> n = A, C, T or G

<400> 8472
 gaaggantag caggnaccga gaggatacca gcattactga cgaacangga ccagcccccac 60
 ctgggacctt cttaccccaac aactctcatt gggctacacc actcagtcga ccgatacaca 120
 ctcgacacag ggacgntagg gatgcaatga tcagacctcc tggtagtcac ctaagcacta 180
 tctgggactg gtttggggta ggacaaaggc agcacatctt ggcaactggc acaagggcct 240
 ctccaagctg taagggcagc tcaacagcac ctactgggat gggtcagcgc aggggctgct 300
 ggtcctaggt actctggccc ggggcggaac gacttact 338

<210> 8473
 <211> 224
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)..(224)
 <223> n = A, C, T or G

<400> 8473
 ncagntacgn cctggcgnaa ggntccttctc tggacgntca aggagnatgn aatctggnaa 60
 aaactgtcta ttctcttagn agnagnaaaa tatacccccac ctaaagtcgc agctaccatt 120
 aacaaaaaaa aaaattagca aagggaaaga atcaatggta aggacagtaa atatactctg 180
 agaatagagt aagtacctcg gccgcgacca cgctaatacac tagt 224

<210> 8474
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(770)
 <223> n = A, C, T or G

<400> 8474
 gggncagnta ctagnaaagg nccggngctgc catccatgc tgcctcgnag gtgganaaagn 60
 agcgggtgat gtgctcactt ctgatcaaca tgtgttgctt cctctcagcc aacttctagc 120
 tcaatgcact cactctgggc atgataaatg ttctgtcacct ttctgttcca ttccttaggg 180


```

cctaaatcag gaagctgttt tatcgatggt ttcttttttg gtcagtaacc agctttggat      240
aatttctctt gattattcaa gtcgtgggac aggtaaacta cattcagcag gaacttttct      300
cgaggagtgt tatgtcatgg aaaagacacc aaacacagca agtattttaa tgaatacacc      360
atccccgggg gtcagtaagc tctgcctgcc aagaagacac agtgagaggg gtcacacagtc      420
ctgatgaggt ggcttttgg aacttgtaga ccttagcatg gccaggtctg gtcaccctta      480
agaacttctc agagaaacta ggaatcttca gtgaagaac taatgttctc ctcagctgaa      540
attcccttgc ttgtcagcat ttctgcagag ctcacacttg tttcaccata cctcccttgg      600
atgtgacatg tangtangaa gtatgtgcan gtgggagtca tctgtcagcc tgctatgttt      660
cagagatcct gaaagtgggt tgaacaaac aggagaggag caggaaatat cctgtcctgt      720
ggcagatctc actcatcatg cttagcattc tctcccgcca agctgggata      770

```

```

<210> 8475
<211> 226
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(226)
<223> n = A, C, T or G

```

```

<400> 8475
acagntacga ttacacagtc acggtctcaa ctgatttttg catcacaata taacataaatt      60
taaagtgggg tgatttattc aacagtatct tgtttcgcaa actttggaga catgtcctag      120
actgtacctt caaactgtat tcttgatctt gctggaacat gttggttgct ggcgggtgctg      180
gcatgcagcc atggtgcatt cctggtgcct gaactgatag atgtgg      226

```

```

<210> 8476
<211> 338
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(338)
<223> n = A, C, T or G

```

```

<400> 8476
gnagatacgc aagnttcttt tacttttact gnaagnttct gggcgctctt ggtgnttttt      60
tctnttcttt tctggaacca ggggcaagca ctccggctctc ttggcttctg cgnacggggc      120
agnatctgag caatgcactt ggcactattc tgctcctctc ctgcacaggg gtaagtatcg      180

```

```

tctctctagg gtgaaggcag atctggcatt tgtcgtcttc ttgggactac cagaccgcgt      240
cccttttttt ctctgctgcg tttcttttct cttecttate ctcttttaat ctctgtccct      300
catacttgc tttttcatc gatgctaggt tcaactcct                                338

```

```

<210> 8477
<211> 322
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(322)
<223> n = A, C, T or G

```

```

<400> 8477
cagctgnaag ctccaagnca aancaatata gnaactcatc cagtgatggc tgaactgtcg      60
tcatcagcta aaacaggtaa gcgaaaaaga gtcagatgct gtttcgaggt ttagtatatc      120
ctagtaatgg ttgtcctgbc tgcaatatct gaattttaaa tataaatcta ttattaataa      180
tttaacatta tttatatggg gaatatatct ttgactcat caatcaaata agtatttatt      240
atagtaatct tttgtgaat gaatatgaat atttattaat atatggatta tttattattt      300
ttatatcttg tgattgtttt at                                              322

```

```

<210> 8478
<211> 498
<212> DNA
<213> Homo sapiens

```

```

<400> 8478
cgggtacata tatcaaagga ctataatata aacatgcacc tatgggtatta tatagcaaaa      60
agaatctatg gggaacaggt acttatgcac acattaacat actccctgaa ttttgattaa      120
cacgatgttc tcatatgcat gtgatattca tctacttatt tttggtggt catagtatct      180
gctgcagtgt atcagagttt atattatcac ctccggagat acccacttaa tcaactgggtg      240
attgctggcg cggtgtgagt agatcgtctg ggagagctcc catcgcggtg acatgcctcg      300
gtcgtagtat tctataatgt cacatgatta gctggacgtt ctcatggata tagatgttat      360
cctgtgtgca tatgttatta gatctcaatt ccaactcacac tactatcggt atgtataat      420
gcgtattgga tgggggaggt aatgagtgtg tctcactata cattaattgt gttgcgctaa      480
ctgactgatt tacattca                                              498

```

```

<210> 8479
<211> 530
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1)..(530)
 <223> n = A, C, T or G

<400> 8479
 gncagataact gattacaaca atgccatgct ctgcagcag actcacgatt caaggtctta 60
 catgcccga acatgactca cagnaactaa aacatctaca ctgtctaaaa taagaactca 120
 aatgtctgga tgtagagact atattgagct ggaaagtcaa taaatcttct actataacca 180
 ccacatggca cattaatgca tcacatatca agcgtatata gtgcctgaga actgaagagg 240
 atctgtaaac aactttcatg tgtgtaatat gactgatgta gacacgctat gcattgaagt 300
 actatctgaa cagatggatt acctcttctc ctagcatcat ctgcactctg tcttgattat 360
 caactgcttc ccactggaaa catatgaagc cgtctattta tttatgtgtg tatatgctat 420
 atgaattgtt gactgtgtgg aatgcttgct attgtggcta ttattctgaa tcttaataact 480
 ataaatatgg atctgatatg attctgcttg tcagtctcta gtgctatgca 530

<210> 8480
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 8480
 cggccccgcg cgggcatggt tacataggca ccgagactgc ggagtgggac tctactaagt 60
 gtgtgtgcaa ctacatgtgc gaacgtgggt ttttttttac ttcgtgcttg tttgacgcta 120
 tggctgggag cgcatgagca cagagccatg accgcgtgca cgccgtattc gatggcgc 178

<210> 8481
 <211> 210
 <212> DNA
 <213> Homo sapiens

<400> 8481
 cgtagtctaa tatttattgt ctctcttttc tgctgttgta gtaccatatt atatataagt 60
 aaagagatgc gttcaagatc tagatcacgt tctatgaggt agaggactcc cttatcttct 120
 atattcaggc ggtcaagtag ctatatctga gacggctcgg ctatattgta tagtctatga 180
 agtcgtgtga tgattctcaa tagctctatg 210

<210> 8482
 <211> 546
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)..(546)
 <223> n = A, C, T or G

<400> 8482
 tggcatatgc tgtattttat tgtatcgtgt aagtgcctaga aatataccca atactgaaat 60
 cttattaact ttgttttcta tgcggttgg gggtttgggt gttcatgcat tattgtccac 120
 tattatcatt tttctttaac aagatataac attgtatgggt atattgtaca tataattgtat 180
 gcatccatta ctggtgtgtg tttactactt tggctgttgt gcttaacgac acatggaact 240
 gtgcaatata gcttttatgc acaactctcg gcttatttaa ccaagaatat tatcgtgaaa 300
 catcgtgtac tggctaataa ggcataattct cgtattcttt gtaatgtgat atagtatttt 360
 cagatagctt taaagtgtat gtgtgacatt cgtgacaact atccaacaca tacttaactg 420
 tgccaatatt tgtcaatttt tatactctgat gcatgcgttc ctaaaaaatg agatgtctct 480
 gactaacata acaggagtgt caatttgtgg tgcgtggagt gcaatgtagt agtgtcgnac 540
 tcagcg 546

<210> 8483
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 8483
 acgaggatta gaaaatcact gaagtgactg ttgatgaagt aggtgaagag tgggaagtag 60
 aggagggtgtg gagattatta ttaagtatt ttatgaatgc taagtaaatg gaagtgggtg 120
 atggtgatat ttaaatattt attttgttaa attttagta gaattattgat taatgattat 180
 tttatgtggt gatattgtga tgtgctttat gttgagcaaa ttggatatta tttattagtt 240
 tgtttttgaa gtgtcttact atgtgagatg agaggatatg tatttgtgttg tgtgtttgtt 300
 gttcatattg ttgtgtattg gatttagttt tctttgaa 338

<210> 8484
 <211> 177
 <212> DNA
 <213> Homo sapiens

<400> 8484
 gatgcctgtg ctactgtcc acgagtgac tgaggcacia ggcatgaat ggatcctata 60
 aatgactcac tttgctggc tcttggcact ggatgtagct gttggggctt gacaatttag 120
 aacttgaagc cctcaccat tatccggaat attgtgatcc tgactactat tccagaa 177

<210> 8485
 <211> 306

```

<212> DNA
<213> Homo sapiens

<400> 8485
aagatgtgat gaagcagaac gatgaattaa tagatggaag acatataaca tgcgataaaa      60
gtgatacgtg tcactatata aagagtaaag ccatacaag tatccatgct ttctaattctc      120
aacgttgtaa gtggctgggc aacctatgog acgtcttaca caaggacaca aagacatgag      180
catgagctat aagggggctc caggactacc tctaagaggg ataggcctct agtaactcca      240
ggctctgctc cgaatgctga gaggagactt aaatactgtt actgcggccc gttacatcag      300
aactca                                             306

<210> 8486
<211> 162
<212> DNA
<213> Homo sapiens

<400> 8486
tcataaatct ccaaccttaa atactgaaac actgacatat gaagctattt gatgcctgct      60
tgaatcaata tatcaccact acttgccgga ctgatgacac tatgcaaagt tgcgtgatac      120
gtccgaaaca atgccgtagg gggggctaca gggcacgaaa ca                          162

<210> 8487
<211> 162
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(162)
<223> n = A, C, T or G

<400> 8487
tttttttttg ntggtttaaa attttaataa agggggggnca aagngtgnaa tggntcnaaa      60
antcctcaag ntccgnacgg nactccccgn agaccaagnc anttgnantc cattcattat      120
tcgntctggn atcttagnca aagccccggn cccctggnan ca                          162

<210> 8488
<211> 194
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(194)
<223> n = A, C, T or G

<400> 8488

```

```

tttttttttt tttttttttt tttttttcta attactacct tttattctaa gggaaaccag      60
ggccccgaag ncgaataaca agctggncga aacaaaggaa actaggggtg gncaaaaaga      120
attagggggg aaaaacatgg nctcttcctg ggggaggag ncggggaaaa ggnaaagag      180
gtgctcagcc ggca                                          194

```

```

<210> 8489
<211> 210
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(210)
<223> n = A, C, T or G

```

```

<400> 8489
tttttttttt tttttttttt tttatttaaa aaaatttcaa taaaacggcc gggcgggctc      60
ggggcgggcc ctatcggtc agccgggggn cctcctccc ccacccatt ctaccagggg      120
agattctggg ggggaggcca agttcccttc tagagggggc ttcacccttt tcccagaaac      180
gttccagttt caggagnagg nagcaggcag                                          210

```

```

<210> 8490
<211> 226
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(226)
<223> n = A, C, T or G

```

```

<400> 8490
tttttttttt ttccacggnt acaaaatctt tagtaanta taaaataaat aatagnaata      60
ttaattaata acaacaacac aacagggnca acaatattaa taataacaaa anctctccca      120
tggntccacg ncttctctcc ancttttctc ttcggttca cacaactgn gnanatanct      180
gttttcatan cgggnaaaac ggagnccan anagntcgnc acctcg                                          226

```

```

<210> 8491
<211> 338
<212> DNA
<213> Homo sapiens

```

```

<400> 8491
ccaggccagg acacacagac accacgcaca cggaagcac ggacgtgcag accgcacctc      60
ccctctctg gacctctct cccagctcg ccagctcaag ccaggagcac acagcgcgac      120

```

```

cccagcccac caccaagagg acaggacacc gagatgtgga ggcggccacc gggcagacaa 180
ccgaggcgac aaaccacaga accgggtcca cactagaag acagcacaca aacgcagcgg 240
atcccacaac agcacgcagt accctccagc cgagccacac aagctccacc cggcccccca 300
gctccacctg ccgcgcccc ccaagactgc cagccacc 338

```

```

<210> 8492
<211> 594
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(594)
<223> n = A, C, T or G

```

```

<400> 8492
caactctgaa tataactaaa gctgttgaat tacacacttt aaataagtga attttacggt 60
aagcaaatta tatcttaaga cattaanaat aataacaaag gacggaactc acacatcttc 120
tttagacaga aatgtagtct cactgcagca agtatggctt aaacctgctt ctgaaccttg 180
cacagtgtga ggctgtctc aagtgttcg tcgttgactt gtgtccgcgc tcgccgggca 240
atgatgtatg tgtggagcgc agtcatgttc tttgttacgc aacacagtgt tcaccttggg 300
ctaagatgat gtgattcttc caagggttgt ggcagaaatc ccatttaata nactggtcca 360
gatttcttca tgccgtaaaa ttgtttaagg aagtatttta ttctgcgaag ctctcgtcac 420
ggtgtccgac actcccttct gtctcctgga gggccaggct tccgtgctct ggggctcagc 480
aggacgggga ggacgtatnc ctagacacct gcacagctga aggtcatgga tattgggaag 540
acagacagca gcagaccag gtctgagctt acaaggtagc cactgagtct gggg 594

```

```

<210> 8493
<211> 434
<212> DNA
<213> Homo sapiens

```

```

<400> 8493
ccatttgctc actggggcta cagacgcttt tctacctgca atgtagatag actggatgcc 60
actgctcctt ataattgtta actttttact gttatcttta acttgtgttt aacctcactt 120
tcatacactt tagaagcaac tggaatgata atggttattg tgaacaagg gcaaatctgc 180
atgtgtgcag aatataatcg agttatcttt cttttactga tactgacccc acatgtgttt 240
gacctttcta tgcacactgt tgccctttaga atactaactg ataaatcatt ttactgttgc 300
ttttctctca catgttagct taacgctgaa cggcattttg actacagtgt gttctgcata 360
tagaacattg attacacatg atatattggt ttatactttt tgttgtctct tgcttattta 420

```

gtttgctgct cacg 434

<210> 8494
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 8494
 gtactctcta ttacatcacc catgctaata ttgatgatgt atcatctcta ttaggaatc 60
 gacttgatc acctgcatta ctgagtgcac catatgagat gagatgactg ctgacctgtt 120
 cttgtggcac cctggacca ctaaagaacg cccttagtga tgaccaactg ccacatgtta 180
 cacattcttg atggttggtg gtgtggcgga ccttctcttg tgaccatgat ccagaagctc 240
 ctccaacact gcttcaactg aacactgctg cctcagacga taccacgtga tgaagttgtg 300
 gcttatgggg cagctgcacg tccgagattt ttgacagctc acaactctga gaatgcatag 360
 cttgagttgc ctatggaggc agctaa 386

<210> 8495
 <211> 642
 <212> DNA
 <213> Homo sapiens

<400> 8495
 ggttcaagaa cctgctggtt tctggatgcg taagtcacac agcctctgct gtgtgacact 60
 attcttgctt ctgcctgtca tctgtgatca tatgccaggc togtgcaga atccctttct 120
 tatactgatg tggcgtgatg gatcgcgatg gggctgctct cotggacctt cgtgctgtcc 180
 ttatactcgg tttggggagc acggtgtgga tgacgtgagc gtgtgatgaa ctgcatggag 240
 attctcggcg aatagtgaac catgtggctg gtgtgcttga gatatgggat gagatatgac 300
 atgcggaaact aatagcatat gctttgtcat cacgatggca aaactactga gagaacagag 360
 aaaaaaacat agtactgtgt cgtgatcaat ctaatccatg cogtatacgt ggtcgacgga 420
 caggctacaa tatggatcag cacactatga gtctgatgat acggtagagc atgcaatgat 480
 gatgacgtga tgggactcgg cgtagtcatg gctatagctg tttctctgtc gcagttgcct 540
 tccgctcaca attatacaaa acatacgagc aggaggcata aagagtaaag cctgggggtgc 600
 ctaaggagtg agctaactga cattattatg ggttgtgcct gc 642

<210> 8496
 <211> 530
 <212> DNA
 <213> Homo sapiens

<400> 8496
 attggtggta gctcatacat agatacttgg tcatatctga ctactgctt ggacttctgc 60

tatatcactg cataacatgg cgggtgggtgg ttggtgtgat gtatctcatt ataggagtgtg	120
tgtgaaactc attacgaatg gaatggatat cctgatagta acaacatata ccatcacaga	180
ccgcttatgt aaagcagtag tatatattac caaacttggc cttgttgtct gggatgatct	240
ggacgacatg tgggtgatag aattggttga gaacatggac aagatattca acgtgacata	300
taacatgata ccataacaac cctacaggaa catagcttcc gactgatata ggtgtgactc	360
tgactggcta gtagtctctg acacactgta cgtctacata caaccagggtg attctagtgt	420
acacaataat ggactgagat gatactaact gtggatgata gcactgtatg attaaaatga	480
tctcttagga tattttaaata agaagatata ataaaaatat ataaaagctt	530

<210> 8497
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8497	
tcgacgtata ctatgatctt cttatctgtc tttcgtgtat taggtagtaa ccttatgtat	60
atgtctctgc tagtcattac tgctctttat acattgatat agtctgtctgc tggcagggat	120
gtaaggggct ctaatgggca tgtatctagc tgatgctctg ac	162

<210> 8498
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8498	
ccaaaagact gctggagacc actcaaggca agacatgaat gtcaagtctc tcaatagcaa	60
ctaaaaagaa aacgaggact gactctcgaa acagctgact aatcattcgg tatactgact	120
tgaatgcccc acgcaaaagca atacatgaaa ccaccaagc ga	162

<210> 8499
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 8499	
agtcctgacta ttaaatgaat ggaaatgaca cccaacatat acagtattta tatgagattc	60
tgactgtcta catggatata atgcgcggct gggtaaaaaa tatccgtgga ttgacacacc	120
tgacaaaagc acaccaagaa ctgctttttg aatcatctct cttataactg gttgcacttc	180
catgatcata cactgtgcta gogagtggta ggttaactca tatattgcaa tgggggtggc	240
ttactcatgt tgtggtgcat aactggatta gaggaatgga cctgatgaat ctgttgatta	300
tggcgcaact tgccaaacat gaatcttgac tgggtacagca ctctgatgaa gtgc	354

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<210> 8500
<211> 466
<212> DNA
<213> Homo sapiens

<400> 8500
ggtagacacata gggcactgaa catcttactt ctogtgagga ttactgagct cgtgcatgt      60
gattcgtgtg ctcacactcc actgtttaat atgttactat gacacaccta ctaaaagtat      120
gacagtcctt cttgacctgg aagtgtgcaa ttaccatcac acgtggataa tgcaaggcgc      180
tgctctcatt tctgttact tatgactgtg acgtgaagtg agattatgca ctattaacaa      240
atcatgatgg tggagatgaa agtgctcatc attacataca atgtgattga tacacagatg      300
tgtgacggat tgtggggata aaaatatatg taagattagg actcctaacc gctggtttac      360
tcaatcataa acagaacaat gatcaaaaca gaggtcaciaa tactgcctga ggtggctggc      420
atctctacga cgcacgagtg cactgtacac catgcctgca aacgga                      466

<210> 8501
<211> 178
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(178)
<223> n = A, C, T or G

<400> 8501
ccnggttaca tcccatgtat gtcacttcgc aagagtgggc atgaccatat tgtgaatcta      60
tgagtacgga ctattgagga ctaaactgga aggatgcaac tacacacact gtgaggaatg      120
gctgcgtctc acactagtat gctttattac agggactgga cactggatag aanataca      178

<210> 8502
<211> 594
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(594)
<223> n = A, C, T and G

<400> 8502
cgaggtacag gtcacacacg acatcagtggt ctacatgtga gtcacagacct gggctctgctg      60
ctgtctgtct tcccaatatc catgaccttg actgatgcag gtgtctaggg atacgtccat      120
ccccgtctcg ctggagccca gagcacggaa gcctggccct ccgaggagac agaaggaggt      180

```

```

gtcggacacc atgacagagag cttgaaatct ggaccagttt attaaatggg atttctgcca 240
caaaccttgg aagaatcaca tcattcttagc ccaagggatga aaactgtgtt gcgtaacaaa 300
gaacatgact gcgctccaca catacatcat tgcccggcga ggcggggacac aagtcacga 360
cggaacactt gagacaggcc tacaactgtg cacgggtcag aagcangttt aagccatact 420
tgctgcagtg agactacatt tctgtctaaa gaagatgtga gtccaaagca gacttaaaagc 480
caagaaaata agaagaggaa agagagaggc ctgccctaac ccaactgtgt gctgacttgg 540
acaattccaa gtccaagagg actgtctact ttgcaccttg tgtgattata acct 594

```

```

<210> 8503
<211> 178
<212> DNA
<213> Homo sapiens

```

```

<400> 8503
aggtaaatat cattgatgtg agtttcatac tacagcatgg atgtggtagt gctgcagact 60
ggtgctgctt atggggcaga tacaactagct ctgatgtcaa tgactggaac agtgtgattg 120
gatgcctgat ggatgatttc ttagacatgc taaagtgtaa gtcagaccct gactcagt 178

```

```

<210> 8504
<211> 258
<212> DNA
<213> Homo sapiens

```

```

<400> 8504
ggggcaggta acacctccag acctctttct gtctgagtgt atctagtttg ctgcttttat 60
ttatgtatta tgttctcttc atgtacttgc tccttgctgc tgggagaatt ctgtcgttct 120
ctttggcga tctcaaatcg tagaaccta aactacttcc tgcagtaact gccctggctt 180
ggcgtctcac aaggcaatac tctcctcgtt ccagcgagga ccagagggta gccagcctc 240
ccagtgtagc tggactcc 258

```

```

<210> 8505
<211> 210
<212> DNA
<213> Homo sapiens

```

```

<400> 8505
aggtagctga cctaaccata ttagtcacat ggggacacat cgatattaca acaaagtcta 60
ttagacgacc acgaaatata taagcacata taatgtctat tgtaaataga tatccaaagc 120
acctctgcta caaactacct ggctcgtgtc tgetgtatct tgccatccac atgatagggc 180
atgtaacacg aactccagag caatctcttc 210

```

<210> 8506
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 8506
 gtacttgtgt gtctacagtc acggttgact atcccactat gtttactata aatgaggctc 60
 tgtgattcac tgcattggcag caggtgatgg cattgacata ggccactgct tgatatgatt 120
 ttgtgcattcc tgtccagagg tctctggactt tatgagaggt atgttttaggc atttggttga 180
 catgctatct gtctaccggt gtcttaccgt ctgggatcac atattccttc tgtgggtaca 240
 aattgtgtgt gatttctgat gatagggggg ggtgtataac tatttatctt aacactgggt 300
 gtatatatta cattggttta a 321

<210> 8507
 <211> 290
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(290)
 <223> n = A, C, T and G

<400> 8507
 cgggcaggta cactcangaa tgtgctgcac aaactctatt cagtttagcag tgatcacccc 60
 gtgaccacaca cacaccttcg atataatcct acaaaagtctt aacattaatt aacataatta 120
 aataagtatt tgcattctata aaaaatatac agaagaacta attgtggagt aatctgtgcc 180
 tccatttcaa tgtctgcttg ttctactgac attatcaata tattcttttc atacaaagtc 240
 ttataaaaag cgaaggaggg ctgagcggat acgaccagcc acacacaaaa 290

<210> 8508
 <211> 371
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(371)
 <223> n = A, C, T or G

<400> 8508
 cagntacaan cttttttttt tttttttttt ttttttgggt ttggaacctt taataaaaaat 60
 aaaaaggaa tgcaaaaaga acacaatggt gaaaacttaa tattaatgtg aacctcacta 120
 gatgttcaaa tctggtagag tgcaaatttt gttcactata ttttacattt ttacaaactc 180
 aaatcacttt ggttcataa ttttctataa actattggga aaaaaatcct caaatttaca 240

```

ttcttttggc tacattattt ctaacagata tagatttact tccggtttcg gagagaaaga      300
cttatgtgtg gtgcgtgatc aagtctgttt taaagattca cacctcggcc gcgaccaagc      360
taatcactag t                                           371

```

```

<210> 8509
<211> 194
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)..(194)
<223> n = A, C, T or G

```

```

<400> 8509
ttactaatatt acttagcaaa cttatctctg agatttgcaa atttaaaaa atgaagaatc      60
aaactatatt ttcttttctg tttttttgaa acagagtctc cactctgtca tccaggctgg      120
agtacctgcc cgggcggggg gttgtngtgg ttatgaattt gtgtgggtgt gaagtagaga      180
ttagagatag gatg                                           194

```

```

<210> 8510
<211> 162
<212> DNA
<213> Homo sapiens

```

```

<400> 8510
tttctgtgta ataagagtga ctgcttataa ggagcgtgga ttgcgataga gtattgtgaa      60
taagggtgtt tctacttaag tagatttgtg tataggcaag agtgatgtat ctttgttata      120
gtttagggtg atgtagttat tgataatagt gcagcgtttt ta                                           162

```

```

<210> 8511
<211> 274
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)..(274)
<223> n = A, C, T or G

```

```

<400> 8511
agcaaaaccc acccaagcaa caactggggc caagaacggg gnaacccaaa taggcattac      60
cccagaggaa ccgaattaag gaaaatggaa ttaagggggg ggcccaggat ttgacgacc      120
aatttgatga tgaaggaccc cttccttgcc ttagggactg gcaaactttt ttaccatttg      180
gaaggtaaaa ttgaaggacc aatttcggta gtggaaggaa aacattgggt tgtattaaag      240

```

gaaaacaaag gcaatggttg acccgctttc gggg 274

<210> 8512

<211> 162

<212> DNA

<213> Homo sapiens

<400> 8512

cttgatgatt gtactgtatg tgtccgtaga gctgatggct gctgtgttct atggacgttg 60

gtggacgact gtctgtatag gaggaggaga tgaacagtgt ggggcagggt tggaacatct 120

tgatgaatct ttgcacgctc atgtattgaa atcttagcat ca 162

<210> 8513

<211> 338

<212> DNA

<213> Homo sapiens

<400> 8513

tgtataatgg cctcggacca tcttccatgc tggataggac ttataagtg gtaatacaca 60

cgtactatgg gcaagatgga taaagactac tgcctacata acttgtatct atatccatca 120

catcaaccaa tgataagtac gaatctatcc taattttaca aacatggaca cataacaaca 180

aagatgtcaa tgtcctcatt caacagaact gaagatagat caaacgctaa accagactct 240

gtctctatct cctcctgttg tgccacggtg catctctgcc gagacggtgc ctttatttag 300

ttacaaaaca cacttgatgt atggcctacg cgtttaac 338

<210> 8514

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)..(322)

<223> n = A, C, T or G

<400> 8514

ctggtccaac agctgagggg tgttgagggg atactgtact gccactcacc gaattaacgc 60

ctgcaactat cagagatgaa caacataaaa aaaacaaga agagaaaaaa acatagttag 120

agaacctctg catgaatcat gataagcaca tatagaagaa aaaagatata aacgtggtag 180

cgtcaatccg agagacgaca tcgccatgcg gtattgccag caaacacata tggactggac 240

agcnagacat ggatcataat gatgaatgat catgcgctac tagactactg atcaatgggt 300

ggacatagca gcanacactc ac 322

<210> 8515
 <211> 786
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)..(786)
 <223> n = A, C, T or G

```

<400> 8515
tttttttttt tttttttttt ttttttttag ttttaagact atttcagttt tagtcagact      60
acttcagacc tcagactcca gacttcagac tccagacttt agacaacaga ctccacatgc      120
cacacaacag acttttcagac tccagcttca gactccagac tccagatcgc acacttcaga      180
caacagactc tagacaacac actccagtct ccacattcca cagcacagac tacagactcc      240
aactccaga caacagactc cacactccag acaagagact ccacaatcca gacaagagac      300
tccacactcc agacaagaga ctccacactc cagacaacag gagactttta gactccagat      360
cagacttcga acttcagatt cactccagac ttcagactcc agaccagact tcagactcca      420
gaccagatt tcagatttta gacttcagac tccagaccag atttcataat tcagactcca      480
gaccagactt ctgacttcag acttcagact cctgacccct ggcaacatgc acatggcang      540
cccttcactt agctggtaga aggaacacag gcttgggaag gagatgtctg atgttctactc      600
cctgacgaca ctcttacttg cttcaatgat ctctctgagc cttgggtggc ccactctgcta      660
aacaaggatg agttatttgc tgggggatgct aggagacttc tgcctcatgc ctgcagtgtc      720
gtcatgtgtg ccccttggga attacttgtt caacttcttt ctttccact agacggggac      780
ttttttt                                           786
  
```

<210> 8516
 <211> 338
 <212> DNA
 <213> Homo sapiens

```

<400> 8516
cgagtactct tagtagcgca cgtctttgtt gtatgccttt gatgggggct gctgaacgtc      60
tttttcaagg atcatggatg tctcatggag gaattaaatc tcattgggat tgattcattg      120
cttcacgggg ctgaagaata atctgtgggt gatgtcctga ttgatgtgta tatgacacat      180
ctttgaggta agaacttggt tatgtccttg aactggatgg gattgttctt tgtgacctca      240
tgagtatata catgatgatt cagctgtaga catgtgtgac atctcttatg gtttaacatgg      300
aggtggacat tatacctgat ggggcgaaca gctacttt                                           338
  
```

<210> 8517

```

<211> 274
<212> DNA
<213> Homo sapiens

<400> 8517
tgaggacttg atagcatgtg tgtgtggact gaaatgctta tctcttccgg agatgtgacg      60
aaacgcctgg tgtgtgtttg tgtttgggct gagactgtat agagctggta gttttagtagca    120
tgtgagagat tggagtgagt ctgtgtggct taactccttt ctggttcgtc tgcgcatacc      180
ggcatttagt ctggtgggtt gattatggaa cttgcatgtg aggctggata ttgatgagct      240
gtgtgtagtg cggctgatgc ttaatataga gtct                                     274

<210> 8518
<211> 610
<212> DNA
<213> Homo sapiens

<400> 8518
gaagaagtcc tggcaaaaat cagctccaca tccacagatc ggctcacagt tctcaagacc      60
aagccacagt ctatacaaag ggatatcatt actgtctgca acgaccctta caggttggcc      120
cagcagctga ctcatataga gctggagagg ctcaattata ttgggcaga agaatttggt      180
caggcgctcg tgcagaagga ccctttggat aatgacaaga gttgctacag tgaacggaag      240
aaaacacgaa acttagaagc ttacgtggag tggtttaato gcctcagcta cttggttgct      300
acagaaatct gtatgctgtg taagaaaaaa caccgagcaa gaatgattga gtatttcatt      360
gacgtagctc gggagtgttt taacattggc aacttcaact ccttgatggc gataatctct      420
ggtatgaata tgagccagct ctctcgacta aaaaaaactt gggccaaagt gaagactgca      480
aaatttgaca ttcttgaaca tcagatggga cctttcagcc aattttcata attattgaac      540
agcttttcgt ggggccagca caaagtcttt aactgctcat agtagttaag aaaagatggg      600
gatacatttc                                     610

<210> 8519
<211> 162
<212> DNA
<213> Homo sapiens

<400> 8519
taccacaac tcttggtaaa gatcacctcc gcattgcacag agtgcttgac atgtgtgga      60
tatcacgctt gtgcgtatac gaagggatgt gattactgtc tgtaacgacc cttactcggt      120
gtgtcaataa ttgactcatt tagacgtgga taggctgatt ca                               162

<210> 8520
<211> 466
<212> DNA

```


<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)..(466)

<223> n = A, C, T or G

<400> 8520

```
gtacttgata agttgattct aaaatacata tgaaagtata aaggaacaag aatagccaaa      60
aacttttgcga gaaaaacaaa ttangaagac ttgctttacc aaatacgcag atatgtgttt      120
ataggaatt cactgagctg acattaatgt gttgtgtatt tttttggtca gagttgatecc      180
ttactnaga gtgggtatgc atgagtgtgt gtatgtgaga gtgagtgtgt ggtgtgtgtgt      240
gtaaaatgga ggagaggact aaaagtgtga ctagaagcag ctggaagtag canngagagt      300
ggaagttagt ccctcgcagt gtttgcaaag taagacatgc ctgccagca ctcttcctag      360
tgtatagtgg ctacaaatag agtagagaac agactccagt cctcaaagac tttcagtcct      420
gcgagtcaac tcagactcaa atgtagaact ggaaggaca gtgccg                        466
```

<210> 8521

<211> 210

<212> DNA

<213> Homo sapiens

<400> 8521

```
atgcacagtg cacatatctg gtacaagcta aatctggggc gcatcacagc caatggtaaa      60
ttctacagtc ccttctctta cggatcataa tgccttgatt gtaagcgtg cacataacct      120
agggtcgcca tctactgtag ataaaaaaca actgtggatg actataacgc catgtgcagt      180
ctcatggggg agaggcttca ctcgtttaac                        210
```

<210> 8522

<211> 514

<212> DNA

<213> Homo sapiens

<400> 8522

```
tgcacattag tacatttttc ttaatgggtg aatacttgcg tgtagctgaa ccaatcatgg      60
atactaccat atcataaaag aacatgacta tatctccgtc tatcatccat taaactatta      120
cctttcacag ctaaggcctt gacctatgcc tgaatgatgc tgttacataa gctgagataa      180
tacagccatt tctgtgtcat ccatcaggat aaacagtatc cacgttctac gagctgtgta      240
gcgtgaacc aatgccagga gtacatactg tatgctgtgg tcggagcttc tgtaaacacc      300
tctatcatgt ggaagtgga taatagctta tgggggaagc cagacaagat tgataaaacc      360
actataggtg cattgacatg tctagctatg tggtagaggaa tgtgactata catcgtgtga      420
```

tgatagttgg gaagtatgcg ctcaatatag gccatctgct ggtctgacag aatctcagac 480

gtgaccacgc tacgtaccag ccacggccgg ccgg 514

<210> 8523

<211> 322

<212> DNA

<213> Homo sapiens

<400> 8523

acttgatata ggctctgaca ccagatgacc ttagagtggt ccacagaagg tgggcaacac 60

actaataggg tacggtggaa aaacatatgg cggagagagt gacatgatga tgatttcatt 120

taggaagatg actacaaatc tatcataatt gtacaatgta cgtactccta gcataatcgg 180

tatatgaccg tcgatcattt caacagaaat gaaagcatgg atgtcacgct aactgagcgg 240

taatgtatcg gatgcgctgg ctgtttgtgc gcgctgctgc agtcgtgtgc acgtagcggg 300

gtgcgctctg acttgacgta ac 322

<210> 8524

<211> 210

<212> DNA

<213> Homo sapiens

<400> 8524

agtacttggt tgggtggacct gaacctgatt ctctgtgaca gtggcgacta aaattgtggc 60

accgcactta ctgtgtacgg aggaacaaac agactggcgt aggcactggt ctgtgcatgt 120

ttgcatctat aaaacagact acaactgtat cgtgattcta cgtggtcctc ggccctggcac 180

actgtaatga gtgctgaatt cgtaggacag 210

<210> 8525

<211> 178

<212> DNA

<213> Homo sapiens

<400> 8525

agtactgggt tgttgaatcg gaaacctgat ttactgtgca gatggccgag ataaagaagg 60

gcacgtacta atagggcacc gaggaacata gagacgagcc tatggcacta gtaaatgcatt 120

gtattgcatg tataaacagg actacaacgg tattctgatc ctacagcggc ccgacgcc 178

<210> 8526

<211> 306

<212> DNA

<213> Homo sapiens

<400> 8526

aggtacacac tatgtgatg gcacttagta agtccagcgc atagacgaga cagactacac 60

tagactctaa aatctgcaca cacttcacga aaattgaatg gtatgtggag ctgagaactg 120

```

atgagagtga tcagatcact tcattgcaac agatatgccg tcagatgacg aggcacctgt      180
tcaactgcta agagccagac gtgccaacat gtctttacat aaatgggcat atgatgaccc      240
acgagaaagg acactaagtt acactgtgaa ccgtatgtca tgaatgccgt gtagatgacg      300
accaag                                           306

```

```

<210> 8527
<211> 626
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(626)
<223> n = A, C, T or G

```

```

<400> 8527
tgaccataa tccctgacgt agatgaaatg ccagtgtcag gagaatgcag acatactcaa      60
tgacaacata nattataaga tgaccactga agtcttggag gctgaccatg atgtgcaatg      120
atgagaatga taaaaataat aacaatgagc ttgatactgt tgaatagatg ttgcagctag      180
acaagcaaaa atattgagaa agctcaagaa attcaataga aaatgtggga cgaggttagat      240
ctatggcatt ccacactaaa tgtagctgga ttctgaaggt tcagacattg ttgaacagga      300
gccaggacac gctcagcagt ggatggataa cttgatgatt gctttccagc agtatcagca      360
ggtatcacag agagcagagt gtagaacctc acagttgaat agagccacag ttaagatgga      420
agaatataga gaccttctga agagcactgt agcttggata gaanatacca gtcatttgct      480
ggccaatgct gctgactatg actctttgga gacactgagt caccatgcta gcactgtgca      540
gatggcttta gaagattcag aacagaagca caatctgtta cattgaatct ttatggatct      600
agaagaccgt gaatagtta tgaaac                                           626

```

```

<210> 8528
<211> 690
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(690)
<223> n = A, C, G or T

```

```

<400> 8528
ggggcgcgga ggtganannac catagtgccg tggcanaaga ttgaaatgcg ccaggtggna      60
aggaatgtca gaaaagcttt ataagacata gatgagaaga ttancaatga agtcttaaaa      120

```

```

agctcaccat catatgcaat gangtagaaa aatagaagaa attaacaatg ggcttcataa 180
tggtgaaaag atgttgccgc agaaaagcaa aaatattgag aaagctcaag aaattcaaaa 240
gaaaatgtgg gacgagttag atctatggca ttccaaacta aatgagctgg attctgaagt 300
tcangacatt gttgaacagg acccaggaca ggctcaagan tggatggata acttgatgat 360
tcctttccag cagtatcgc aagtatcaca gagagcagag tgtagaacct cacagttgaa 420
taaggccaca gttaagaatg gagaatatag tgaccttctg aagagcacent gagcttggat 480
agaaaatacc agtcatttgc tggccaatcc tgetgactat gactcttttg agacactgag 540
tcaccatgct agcactgtgc agatggcttt ggaagattca gaacagaagc acaatctggt 600
acattcaatc tttatggatc tagaagacct gtcaataatt ttgaaacag atgaattaac 660
ccaatccata caagaagtaa gtaatcaagt 690

```

```

<210> 8529
<211> 562
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(562)
<223> n = A, C, T or G

```

```

<400> 8529
gtacaccata gtcctgcag acattgagat cccagggtga ggactgcana agagctatat 60
acaacataca tgataaggag atcagtgaag tcttgggaag ctccaccatca tatgcaatga 120
tgagaaaaat agaagaaggt aacaatgggc ttcataatgt tgaaaagatg ttgcagcagg 180
agaagcaaaa atattgagaa agctcaacac attcaaaaga agatgtggga cgagtcagat 240
ctatggcatt ccaaactaaa tgagctggat tctgaagttc gagacattgt tgaacaggac 300
ccaggacagg ctcaagaatg gaggataacg tgatgattcc ttgcagcag tatcagcgag 360
tatcacagag agcagagtgat agaacctcac agttgaatag agccacagtg aagatggagg 420
aatatagtga ccttctgaag agcactggag cttggataga aaataccagt cattggctgg 480
cgaatgctgc tgactatgga gtcttggagg acactggagt caccatgcta acactgtgca 540
gatggcttgg gaagatcaga gc 562

```

```

<210> 8530
<211> 194
<212> DNA
<213> Homo sapiens

```

```

<400> 8530
tacactgtgg aagctgcagg agtggtgacc gcactcgggtg gactgtctaa ggactactga 60

```

```

atcattatct agacaacaca accagtgagt ctgtgagacg gaagcactat aagcactgat 120
gtagtaatga taaaggaagg taacatatgc agcttcacga atgctgtaag aagatgtagc 180
gacaagaagg aaga 194

```

```

<210> 8531
<211> 194
<212> DNA
<213> Homo sapiens

```

```

<400> 8531
actgtgggtg ctgagttagt gactggaccc gatggcctgt taagcccatc tgtatcagtc 60
gaacaacaca gccatgtagt ttagcaggt tgaactgaca gaatggctgg tgcgcgcag 120
ggcagtacat aacctgaatc gcttatgcat gtgttgcta gacacagaga agcaattcaa 180
taaagtatga cccc 194

```

```

<210> 8532
<211> 402
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)..(402)
<223> n = A, C, T or G

```

```

<400> 8532
acacggtggg aggctgagta ggggtgacga acctgcattg actgtatata ccattctgtca 60
cattatatcc aacacaagaa tatacactat agcagggtga aattatacaa tggatgttgt 120
atctcagatc tgcacataac ttgcacaact aattgatgct tatataaata cataaagaat 180
aaatangaca ataagtcaca cttgaatata cgttatgtga tgatgagagc actgagagtg 240
cgtccagatg tcctcagaac atcactgagc aggaatgagg tggctaatac tctatccact 300
cagacataac agacaaacga ggacacacgtg aacagngacc gaggatcctg actagcagac 360
taggggtgcc agattcaaca gaaaaaaatc caggattgac ac 402

```

```

<210> 8533
<211> 178
<212> DNA
<213> Homo sapiens

```

```

<400> 8533
gtccaattga tacataggta aatatacata acccagattg ctactaatag accaaaacat 60
cgacatatgc ctattgtcac gtatatatac tactggcata gtgtatatct attgaaagtt 120
gatgggatgg cacttcttgt cggataactg acacaaaagt gagggactca tagcaata 178

```

```

<210> 8534
<211> 178
<212> DNA
<213> Homo sapiens

<400> 8534
agtgccactg agcacagagg acacatacct gaccgatatg tgactaagat ctcaacctac      60
gacctgtggt cattgtaacg gtatctagat gtggataagc gaccatcaca ctagactgtc      120
gtgctatggt cccgctggta gggacctctc acctggggag tgccgactaa gcttcctc      178

<210> 8535
<211> 450
<212> DNA
<213> Homo sapiens

<400> 8535
gagtactact gaaatcaaga atacatgtct gtcggatagg tgacagagta actctacgca      60
gaacgtgagc acgttggaac ggatgcagat atgtacataa gagaacatca ccaagagact      120
cgtggcccat cagcgcacgt agaagactaa catactagtg aacgaaagcc cataatgcac      180
ctcctcaatg gttaggcctg tagcacacac tcgcttgaga ccctgaccgg ctaatgctac      240
agacccgaga ccaccggcac cctgtaccto ggtogtctcc acgctaatac ctactgaata      300
cacggacgco ggctagtcta cgatatgggc atagctctca acggcgctgg cagcatgagc      360
tgagtattgt atagtgtgat cgaaatagct aggcgtatgc atggacatag ctgataactg      420
tgtgaataca gtatacgggt gaaggtacct                                450

<210> 8536
<211> 161
<212> DNA
<213> Homo sapiens

<400> 8536
gtgccacggt gccggaggac acatgcctgg cggatatgtg gactcagatc tcaagcgaga      60
acctgggcca ggcgctacgg atgtagatgg acataagaga ccatacacac agactctggt      120
ccacgtccac gctggtggga aacaatcata ctggggaacg a                                161

<210> 8537
<211> 226
<212> DNA
<213> Homo sapiens

<400> 8537
atgtgctgcc gatgtcataa gtgcattggt gttgggatgg ccgcagaagt ggctcgaaca      60
gacagtttat aagccggatc agttagggtg agcacataaa caaaaaacac acaggagttc      120

```

tttccacatc atgacctcgg tgaactgaat cattgtgctt actatggctt atgtctacac 180

ccactcgagt atgaccatac agaaccatac tcagcagaca gacgaa 226

<210> 8538

<211> 370

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)..(370)

<223> n = A, C, T or G

<400> 8538

cgcacgtgtg cgtaaagacg ggtgtcagta cagactgtga tgaaggctgt tggagagact 60

ggctggaagc gtatatgacg ttgtacaaga cgtgatacac atagataata tatacacgct 120

gctaactgtg acacatcatg ataattgtact gtaccctggg tgttgtgtctc tagcttgctt 180

ttgcacgcac atngagtacg taacatagat cctgaacatg gactgaccag atccatagta 240

gaatctgaac ttgtacatct cggcgcatag agtgcatata tacacatgat gctgagccan 300

cacacaaggt gctgggagct gtggactaga cctactggga gctgctgact caggaacgga 360

gcatgagtgc 370

<210> 8539

<211> 162

<212> DNA

<213> Homo sapiens

<400> 8539

atatcggtag tagcagtgca ccgcgaatag gtgttagctc aagaacgctc tgacatgcta 60

cgcactatac ctgaacagcg ccggggagga tgaggggctc atgggcaaga tcagcgtgga 120

ggactagaag aaagttctgg acaagtgata tgaagtttta ta 162

<210> 8540

<211> 178

<212> DNA

<213> Homo sapiens

<400> 8540

actatgagat atggacacag acggtgtgag tgtgtgtgtg ggggaatgcga aagcgggttg 60

ctgcttggtg cgtttagtga taaggcaaac tagctgaagt gtttatcggt tgacattaca 120

gtgttgtttt ttagaagtgt gatagctcat aggtggtgac taattattgt ttattgag 178

<210> 8541

<211> 194

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)..(194)

<223> n = A, C, T or G

<400> 8541

taaactagac ccaaacacacg acactcctca tcacgcaccc caccaggtaa cagccttaac 60

gctgcataca aagtggtaaa gcgaaggcca cgcaacctca tataaagaga cctgtgtgat 120

cctcactacc cagcgactgc cggataacac aatcaacacc tacaccatca cggcaangac 180

tacacgcaca gccca 194

<210> 8542

<211> 226

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)..(226)

<223> n = A, C, T or G

<400> 8542

actacatgat gcacanaaat actcgacta aaacaacaca cataatcacc actatttgtt 60

tctatgacat acatgtgtta cacatgatca tactaatgtt aataaggcaa tgtaggtaaa 120

cactgcgcat acgaaatgcc acctaaaacg tgcaagaaag aaggacagtg gggaggagca 180

aggacacaat aagcagctct tgaaaggaac caatgaagca cctata 226

<210> 8543

<211> 178

<212> DNA

<213> Homo sapiens

<400> 8543

tcaggcggat ctaaatagat tagttaagaa 'aaaagatatg ggtgtgatag tccgcagtga 60

gatgtggtgg gggagtgtgg cttgcgtgga gaatgggtgg ttttgaagac tgagtgggta 120

tggggcgagg gagggagagg cgtgggtggc tgtgggggta tggggggcgg ggtgacgc 178

<210> 8544

<211> 210

<212> DNA

<213> Homo sapiens

<400> 8544

gtggtattg ttgcagtac ggcatgttaa gatgaaacta ttctgccatc ttactattat 60

tgtatgtgtt ttcatacatt ggagttgggg gatggtttat gttggattac ttaaagtaaa 120


```

taataacttaa aatccaaaaa aaaaaaaaaa aaaaacaaaa aagcttgtag ctgcccgggc 180
ggctgctcga tactgatggt gtagtgtggg 210

```

```

<210> 8545
<211> 610
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(610)
<223> n = A, C, T or G

```

```

<400> 8545
caggtcacac agcacatcag tggctacatg tgagctcaga cctgggtctg ctgctgtctg 60
tcttcccaat atccatgacc ttgactgatg cagggtgtcta gggatacgtc catccccgtc 120
ctgctggagc ccagagcacg gaagcctggc cctccgagga gacagaaggg agtgtcggac 180
accatgacga gagcttggca gaataaataa cttctttaaa caattttacg gcatagaaga 240
atctggacca gtttattaaa tgggatttct gccacaaacc ttggaagaat cacatcatct 300
tannccaag tgaaaactgt gttgcgtaac aaagaacatg actgcgctcc acacatacat 360
cattgcccgcg cgaggcggga cacaagtaaa cgacgggaaca cttgagacag gcctacaact 420
gtgcacgggt cagaagcaag ttttaagccat acttgctgca gtgagactac atttctgtct 480
atagaagata cctgacttga tctgttttcc agctccagtt ccagatgtg cgtgttgttg 540
tccccaagta tcaccttcca atttctggga gcagtgtctt ggccggatcc ttgccgcgcg 600
gataaaaact 610

```

```

<210> 8546
<211> 311
<212> DNA
<213> Homo sapiens

```

```

<400> 8546
cacatctgta gactacgtgt tgcgtggaga aggtgtctgc catgtacgct gtgtacttct 60
acggcttcaa cttgatttag cgccgtggat gatgaggggc tcagggaag aatgaatgaa 120
gattgatgaa acatttgtgt ggtcaagtgt ggagcatggg tgcgtggct ggacgcaact 180
ttgttgctg acaatgtgca gtttaagcac aacaagaaag agctgaagca cgtgtgtaac 240
accatcatca gctgactgtt gctgagatgt agagcggctg tacctcggcc gcgaccacgc 300
taatcactag t 311

```

```

<210> 8547

```

<211> 306
 <212> DNA
 <213> Homo sapiens

<400> 8547
 caagctttttt tttttttttt tttttttttt ttttttggga attttaaagt ttttttattt 60
 tgaattaacc aatttaaaaa atgggctggg gttaagggtt ttaaaaaaa aaaatagtgg 120
 taaaaggcgg gtttaattta ttttttgctt gtaaaaacgg gaaaaaagc aggttaagtc 180
 cttgccgggg ggggggttgg aaataattat ggaatttggg ggggtttgga gggggagctt 240
 agggggaagt tccaaagggg tgggttgaaa agttggagtt ttttttgggg ttgtttaaaa 300
 agttgg 306

<210> 8548
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 8548
 cactctgatg gtgctattat tgtggcagtc tctttccttt atttgaactt atctttgaag 60
 aaaagaatat ggcagatgct gacatagcat atgaacatta agttgaggag tctttattag 120
 ctaaatagct caaaatacag gtgggtgaat ttgagctgcc tattgatggc atataggaat 180
 gagagatacg tgaa 194

<210> 8549
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 8549
 agttggcaca agttcactct ggggaatttt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt 60
 gtgtgtgtgt gtgttttggg aaggggtggt tgaggaagaa gagtgcagg ctggtgtttt 120
 cttactccaa aatggaaata ctgcccttga ttcattctca cacgttatgt gaaaatacat 180
 catagcagtc ttggaaga tctacgtctt ggttctgttt agattt 226

<210> 8550
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 8550
 tgtcgtttgt ggggtggtt gtgtgttttg gttgtcttcc tgattctggt ctgggttttc 60
 tctttttggt gtttttctat tgcgatgtg gtggtgttgc ttgtttctgg ttccgttggt 120
 gttgggttct ccttcgtggt gttggttggt tgctgtgtta ctgtttttct ctctgctg 178

<210> 8551
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 8551
 cagggtcacac agcacatcag tggctacatg tgagctcaga cctgggtctg ctgctgtctg 60
 tcttcccaat atccatgacc ttgactgatg cagggtgtcta gggatacgtc catccccgtc 120
 ctgctgggagc ccagagcacg gaagcctggc cctccgagga gacagaaggg agtgtcggac 180
 accatgacga gagcttgaaa tctggaccag tttattaaat gggatttctg ccacaaacct 240
 tggaagaatc acatcatctt agcccaaggt gaaaactgtg ttgcgtaaca aagaacatga 300
 ctgcgctcca cacatacatc attgcccggc gaggcgggac acaagtcacac gacggaacac 360
 ttgagacagg cctacaactg tgcacgggtc agaagcaggt ttaagccata cttgctgcag 420
 tgagactaca tttctgtcta aagaagatgt gtgagttccg tcttttgta ttatttttaa 480
 tgtcttaaga tttatttgct taccgtaata ttgacttatt taaagtgtgt aaatcaacca 540
 ccttta 546

<210> 8552
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 8552
 tatatgcgga gatggactct actctgcttt ttcctatagg acttcatgtg tgtgtgtgta 60
 tgtgttaaa atgtgttggg ggtttccata aggggaattct ggaatcaaaa tgtggtatgt 120
 ttatgtgtac ttgtaatcag gttgtcagtc ccttgctgat atggctttgt tttgtgtaga 180
 tacgaagaa tcttaatctt cgggggtggga tgaagagaga attatctata ttctttgaac 240
 gcgttggttt aagaatca 258

<210> 8553
 <211> 626
 <212> DNA
 <213> Homo sapiens

<400> 8553
 attttaaatt agtccccctt atgcatttta ctctacatgt gttatccttg caaagaaaaa 60
 gactgacatc tttagagaca agagtttttg tcttattcac ctctgtataa tttccaacat 120
 cgtgctttgc acattggaca ttcaaaaaat gttatacaag attgactgca tcaatactgg 180
 agtgttgtgt gaggggtagg tgctgaggct gagaagtgtg tgagggagac ctgagattaa 240
 acctgccaca taaagtggag agaagtagca aggtcagggc tatgaaataa tcccaaaaac 300
 tttagaattt ctacataata cagttgacac tactattctc aatagagctg ctttcagtct 360

```

caaagggctg  tggatatgtg  gcgtgtgtgt  gtggtaaaaa  agggaagcag  caggggaagg  420
aagagaagtg  tgatttcaca  agacttaagt  aatcttgtca  ttgctgcttt  ttctgccaga  480
aaattattac  cttcccttta  aaaatcattt  tcatatacat  ttactaact  tccatgtcaa  540
tttcacccct  ttttttctaa  taatagctac  tatttattcg  ggaccaacta  gtatacttag  600
gactatgctg  ggtgctggag  tgccaa                                626

```

```

<210> 8554
<211> 402
<212> DNA
<213> Homo sapiens

```

```

<400> 8554
agacacgggg  tgactgagga  ggaagttaga  cggaggacag  ggaacgaagg  ggaggcaaac  60
aagtcacgtg  agatatggac  caattgctta  aagatgctac  aacacatgtg  gaaaagtctc  120
tagcatgatg  gcaggggagt  gggcgatgta  tggatactga  ttgcaatgcg  cactgagtca  180
taatctgggc  aaaccatgag  gccgacatct  atatccgaag  agcggaaact  acaggggagga  240
tgtgttcggt  gctgactatg  tgaatgatct  aattccacca  gagctgcaag  ccatggacca  300
tggtcatgca  gaggaagatg  cctaccacac  gctaaggata  aagccagatg  acctgatatg  360
tgacatggga  gtctaagatg  tctgctcctt  gttctacata  tc                                402

```

```

<210> 8555
<211> 290
<212> DNA
<213> Homo sapiens

```

```

<400> 8555
gtacaagctc  ttactcttat  tgatcctgta  tgatctttca  cggttctttc  ttgggcctca  60
aaaagagaca  cttattaata  gaaaaaaaaa  gacaaggatg  tccatccttt  ggctcccttc  120
cctccccctc  cctgctgctc  cctaaccctc  actatattga  gccatggctg  gggctgggtg  180
gcaggacagc  ccaaaacatg  agggcaacaa  cattgagggg  cataacacta  atggagggtg  240
agcataaggg  ccaatggct  cgattagacc  tctggtctct  cacagatatt                                290

```

```

<210> 8556
<211> 658
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)..(658)
<223> n = A, C, T or G

```

<400> 8556
 cagtctttct tcagtgggag cccaggatc tgaatctacc tctttaacag atgaagatgt 60
 ctgccatgag ttggaaggac ctatctcttc tcaagagacc agtgctactt cagggaactaa 120
 gagaattgat ctccagcgaa taagcctgga aagttctgca tcttggaag gatctctgtc 180
 gaagtttgcc ttacctggga aatcagaagt gacatcttcc ttcaacgcga gtaatacaaa 240
 tatcttcocag aactatgcaa tggaggttct catctcaagt tgctctcggt gtagaacttg 300
 tgattgtctt gtccatgatg aggaaatcat ggctggctgg acagcagatg attcaaatct 360
 caatactaca tgcccattct gtggcaatat cttcttacc tttctgaata tagaaataag 420
 agatttaaga cgacctgnaa gatactttct aaagtcaagg ccatcaacag aaaatatgca 480
 ctttccatcc tccatttcaa gtcagacgga gcagtcttgc atttcaacat cagcctctgg 540
 tcttgacaca totgctctct ctgttcaagg gaattttgat ctaaatagca aatctaaact 600
 gcaggaaaat ttttgcacc gaagtattca gatccctgct aatagatcaa aaacagct 658

<210> 8557
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 8557
 acacgtgcag catgtcagct cagagcaaac gtatggggcct gcggccaaga tcagtgtcca 60
 ttttggccat tacatatgac ttcataaagt gactttgttg gtctgtgatg ccagctctct 120
 gaaatgtgca cactaacata aactgggatg gaatacgggt cgtgtgacag actctggaac 180
 aggctctgtg gtaccagcat atatggagga gcaaaggacc ggagctgaga atgagccatt 240
 ggcgatatga agaagagctg ggtgggtgcac tcgggcatag atcgccaggc ttgtatatgt 300
 cactgtctgc atgctctagg cacttccac tgccaagtgt gactaggaaa atgaccacac 360
 cgatgtatat aatgatgagg aatattggagc ttgcgagcct actgtggaca tggtcttgga 420
 gatgatgggt gactactgta tcgaggccaa gcacagatag tctgggacat ggtaaatgaac 480
 gactcggtca cgatacagat gcagatgta tgacagatgt cagctgtact actatgagac 540
 gacgga 546

<210> 8558
 <211> 450
 <212> DNA
 <213> Homo sapiens

<400> 8558
 tgaatttgga taatatgtga ctgaaacacg agtggcaata aaaaagcaaa catgaactct 60
 ggggtttaat agatcattac atcagatca tagaccatgt gactgtgggg cttataactt 120

```

gtgtagccta atgaagtgcc aaaaaagaga attatgattc aaggggagcg gatgaacacc 180
actattacag ttacagttta tgctgtatat ggattacatc aaacaaacaa agaacttgct 240
tgcgaaatata ttatatatgc tctgtgaata acggatatgt atgtagtaga ctgtactcat 300
gctaatacca aatgctcagc gatataata cgaatgcgac tggacaaact gattccttca 360
gttactgatg gaagggcgcg acgatcttct gaatatattg catacctgac atactgacgg 420
gaagaggaag tgatgagaag cctataaaaa 450

```

```

<210> 8559
<211> 274
<212> DNA
<213> Homo sapiens

```

```

<400> 8559
cacatgggga ttatatattg tattggcaaa atgagaccac agctggcctg ccatcagatc 60
aacataaaaa ccagtattat ggtatatgag atgaatggat agagggtggg tttattcctt 120
attatagaga aacaaatgta tgtcttcac agtccttatta gggacatgaa tagacgaatg 180
tacaagtggc ttgcctacga gcctgtgcgc ttggcctacg agatcaatag ggggagacag 240
aaggaataaa cgatgggggc tggacaactg aggt 274

```

```

<210> 8560
<211> 178
<212> DNA
<213> Homo sapiens

```

```

<400> 8560
acggggggag gcctttctgt cgagttttgc ttcacaagga aattagctgg aaaaggcttc 60
ttaaagaaac acaagggaaa aggaaatagg gcacaaggta ttattgaaat tcttttaaag 120
agcagtagga gcttgaaagt ttagaacctc cattatgaat tccaaccacg gaaaagcc 178

```

```

<210> 8561
<211> 194
<212> DNA
<213> Homo sapiens

```

```

<400> 8561
gggtacacaa gttcacacag acatctgtca tttctgagc agcacatatg agagaagctt 60
tgtgttctcc ttgctctctt gcattgttgt tttagacttg tggctccaca gagactctca 120
tggatttatg acaaaattgg catgcgaatg atttttgaat cataacttgt ctattattat 180
gctgtagtgt ggta 194

```

```

<210> 8562
<211> 322
<212> DNA

```

<213> Homo sapiens

<400> 8562

actactgtag tactggaatt tttattgttt taaatgggta gaaaaatggt aatataataa 60

tatatgatat ataaacttta aatgaaaaaa aatgatgtat tgtagatatt ttagttagtt 120

ttatttttta aattaatcat aaatcagact ttgattgtat ttagtgata tatgactttg 180

aatatattat aatgggaaa tgttgatttt ttaataatag acttatatgt aggggtgtgt 240

tgcggttatg ttgtgtgagt gaagtgtttg gttttattta gtgtggtggg gtttatttaa 300

agaaaaagaa ggtagtatta gg 322

<210> 8563

<211> 354

<212> DNA

<213> Homo sapiens

<400> 8563

gtgctactgg gaacataatg ggtcaggtgg ctacttaaca cgaatgatca atgtgactac 60

atctgaacat ggtgttcagt gtgtgagact cacacagagc tttaccaggg tgtgaagatc 120

tgctgtgtgt gcgagcttct tctattaatt aggaggactc tgtgatggac tgacctggat 180

ggcatatata tgggtcgatt gcttcagcag atgagtatct cgagataaag cgacgttatg 240

aggtagtgta agatcaagac aacaacatac cttatttggg acgactgagt atacacagtt 300

aatgagcata aacgaaatgt tatatatgat gagtgagctg atggcgagaa acag 354

<210> 8564

<211> 226

<212> DNA

<213> Homo sapiens

<400> 8564

gttttttttt tttttttttt tttttccagc tcaacccttc tttaatgtca tccaggaggg 60

gggccaggga tggaggggag ggtggaggga gcgagaggca gtgattgggg ggtgggattg 120

accacttggt ccatagaagag ggggactgg gtatttgggt caatcatata aaaagacaag 180

ggggtgggag aactggacct ggggggggat aggacggggc atgggc 226

<210> 8565

<211> 370

<212> DNA

<213> Homo sapiens

<400> 8565

acagaggacg ggaacaacaa agagtctgtg aacacacatg caaaaaaact ccataatctt 60

atgtacgcag actgaataat gatctgctgg gatgggaaaa tgacgcaaga acacggatgt 120

cacgaaacat accgtataaa cgagggtgtg aatgaatgta aagaaaagct gtacgtagtc 180

```

ctgcagagga tgtaacatga agatcaagca gctgataagc tggcagatga catcacacaa    240
tacataacag cctgcaacaa ttatatcaga tagagagaca gaacattatg atgaggaaca    300
atgaaatgat agtgatacag acaacgatgt agagaccata gcttgaaatg atggaagaaa    360
gtgaagtga                                  370

```

```

<210> 8566
<211> 226
<212> DNA
<213> Homo sapiens

```

```

<400> 8566
caactaggaa atatcggaga atgagactca gaagtatgct atgggatgct accttgaagt    60
cagaataacg ctgtgtttac catggaataa acgttaaatt actgttgctt tttggataag    120
tatgtattac ggcgtgctgc acgataaacac cttgtcgatt taaatttgat tttttgtttt    180
cgtccatcta atgcattaca tgctcatctc gaaagactta aaatat                    226

```

```

<210> 8567
<211> 194
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)..(194)
<223> n = A, C, T or G

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<400> 8567
acggatgatg aaatgatgac atcatctacg agtgcgtgct tgtaaaggac agcttagaac    60
agtcctatat gaacaatcac acctatcatg actggataaa ngaggccctag cggtgggact    120
gatacacaca caacaacaca gtgaagatgt ttattngagt gtattttatto tgatgccata    180
ggtaatgtag tttt                    194

```

```

<210> 8568
<211> 578
<212> DNA
<213> Homo sapiens

```

```

<400> 8568
ggtacaatac gtgcatcatg actgtcatta gaaacttggg gctatgtggc caagtccact    60
gttcattttg gtttttccat tttcattcag aaagtcctt tggtggtctg tggagaaata    120
tatatggaag tgtcacagta acatacactg tgatgtaatg tgttttatgt actgtttttg    180
agacaggctc tgtgacagtg atcatatgat ggaggagcat aggacgagag cagagaaaga    240
gtcaagataa agccgaacaa gaccggaaat ccggaattgt gcacagatag ataaggctac    300

```



```

cctagtcagt gacgcaggat acagaagtgc ttgatctact gtgcttagtg gttttattta 360
tatttagatg aaaaaaatga taaccaccat ctaaagtcac agagatgctg tgaagagatg 420
tggaagcaat gtgagtgttt tgataataac ataaggact gaaagggggg aaatagtagc 480
ctataaagta gttaaggatg catatgaaca taaaaaaca gagcaagaaa ccggaaaaaa 540
agaaaaagaa ggaggggaacg aagagcaaaa aaaagaga 578

```

```

<210> 8569
<211> 226
<212> DNA
<213> Homo sapiens

```

```

<400> 8569
aaaaaaaaa aaaagctaga acaagtccta ttgtttttt ttctttttt gtaatgtgtc 60
caatttattc aagatactcc aaatcaaaaa cagggcacia caccaagccc gcggcccaac 120
acgcgacgga caagctgaaa atgtttttta agcaagtggg ggggtatttt gttgagcgcg 180
gacgaagaga gaacaaaaaa ccacacaaaa caaacaacga aaaaga 226

```

```

<210> 8570
<211> 194
<212> DNA
<213> Homo sapiens

```

```

<400> 8570
acagtcacag atgaacaac atttgtaagg accatttatg taaactgctg agatgttatg 60
ttttcatttt ggttttcaca gacacattca agctctgtcc gacatgccat taaagcactg 120
gctcagacgg cagcatatt ttcatTTTTT aagtaactgg taagtatttt ttttctcaca 180
aacgcacacc ggta 194

```

```

<210> 8571
<211> 274
<212> DNA
<213> Homo sapiens

```

```

<400> 8571
cagggactcg ggctaagatc atgtgaatcc agtggatgtg ggtcagatat ggacagtgtg 60
tgactagtgt cattaatcta tgactgaatg ctgagacaca cctggcggta ctagaaggaa 120
tgaaccaca aaggaacgca ccagcaatgt gttcatgaca catatgatgt tttttagtat 180
atcatacaca cgcgagaatc atcactcgca gacttagcgg cagagaacta tagagaagac 240
gactgtcagc gagcagccga aggtggcact ccaa 274

```

```

<210> 8572
<211> 274

```

<212> DNA
 <213> Homo sapiens
 <400> 8572
 gtacaagctt tttttttttt tttttttttt tttttttttt tttttttttt tttttttattt 60
 taaatcaatt aaagatttat gaaatttatt ggggtacagg gaataaccgg gacaaaaggg 120
 ggagaaaagt tggtaaaaca agtgtatttt aaatattcta tacaattttt tttgtgtaca 180
 tatttgggaag tgatgggtat ttaaaaaaac cgcataagaa tccacaacct taaatattct 240
 gcaaaaacaa acattagggt ctctcttcct taat 274
 <210> 8573
 <211> 162
 <212> DNA
 <213> Homo sapiens
 <400> 8573
 gttaggggga aaattattaa tgattaattt ttattttgggt gtgtattggt atttgtgttt 60
 cttattgtat atattgtgga aggtgttggg agtgaagttt ttgatttaga gatttgtgtg 120
 agttttatta ttataatgat tgatagtgg tagaataaag ta 162
 <210> 8574
 <211> 274
 <212> DNA
 <213> Homo sapiens
 <400> 8574
 aaggcttttt tttttttttt tttttttttt ttgggtggg aactcatttt ttattcttta 60
 tatattatat attggatatc ttacgaatg ggatacttcc catttggggt cagtgcacgg 120
 tggtaaaaaa atttggaac atcaggtctg aaatagctcg agatggtatg gacttataag 180
 gggcaactgg cacattcaag gactgtatga aatggcatta aaggactggg ttacaatgga 240
 ggggtatctc taaaccggga gtaactggaa cgca 274
 <210> 8575
 <211> 354
 <212> DNA
 <213> Homo sapiens
 <400> 8575
 ggtattgatt atggaaaaaa tgaatctggt taggggtttt ttccttaaa ggaagggaag 60
 gaattttttt ttatgggaaa aaacaatagt taaaaaata aattgttttt tgggaataaa 120
 taacacgtta aatggaatgg tataaaatat agatattttg ttaaaaaagt ttacctttgg 180
 gtataataac aaaaagggga atgggttttt ttgtaatga agccgggggt ttatgtggaa 240
 gcaaccaata ttaagggggg tgggctgtcg atttagcttt ggggtaaaaa aaatgggttt 300

ggggctgtta attgttattt ttagggggga aaggggggta gaaagttgtt ttaa 354

<210> 8576

<211> 434

<212> DNA

<213> Homo sapiens

<400> 8576

gcacgattag gaatttatgc ctattatcat agggatcgac atggtcctct tctctctcac 60

ctgtgatgct actgatatct tttgtcatct ttctgattgt gggatgagga aagtcttcac 120

gtttttatga tatctctaact ctgttacacc tcggaggagg tgtgttttca tctggggcac 180

ttgtaatggt ggagctttgc tcgatatgcc atttttgcac tggataagat agtaagcata 240

tttggcaact ggggggcaac tggatagcat aaattaaatc ttaaatgctg gttgtgccat 300

ctatggaagt aaacataatg accaggggat aatgcctagg ctgggtgagt atatcgggccc 360

tgaaatatag gcttgtatgg gcatattctt ggactaattg ccacaagacg aaggataaag 420

agaaaaatga acag 434

<210> 8577

<211> 242

<212> DNA

<213> Homo sapiens

<400> 8577

ctatgttttg ttgattatgt tgtattagtt agaatgggtat tgttttgttt ttgggtgttg 60

ttaagtgtgg tgtgtgtgg tgtgtgatg gagttgtttt ggtaagaagt gtgtgtgagt 120

tgatcgattt agtaggggat gtttgataat ggggtaaatt tatgtatgtt agggtaatat 180

gaatgattta aatgattttg tgtgaaggag agattttatg aatgaaaaaa gaaaggtaaa 240

at 242

<210> 8578

<211> 450

<212> DNA

<213> Homo sapiens

<400> 8578

ctcggaggtg ttgcttggt tgaatcttcg ccaggtgagg cgattggtgt gtgcgtgtca 60

catacttttt ataatcaca ttcacatcca gtgttgagct tgcggcggtg ctgtggatga 120

acatgccaca cactgtcoga caggtggaga gatattgtga aagtgtgggg attggtgagt 180

gagtggtttt gtgtgatgaa tctggcgatg tactttgcgg tcggatgagt ggtgtctgaa 240

tgagtgcgtg aaggctctga catatttgac aggagtgggt cgttttgttg ttagtgtcac 300

cgtaactgat actgatatgt gatagtggag gagatgattg tgtatatga gaggatgggt 360

caagagtga gtgaaagaga gaaaaagttg ggagggagtg gagagattag aggaagatga 420

aaaggggatg tgggtgtgtg gtatgtgagc 450

<210> 8579

<211> 290

<212> DNA

<213> Homo sapiens

<400> 8579

cagggtacaag cttttttttt tttttttttt tttttttttt ttttttttta atttaaatga 60

aataaagaat atgaaaattt tttgggttca ggggataaag tggaaaaaat ggtggaaagg 120

agtgggttaa aaaggataaa taaaatataa taaatattaa ggttgggtta aaatttggtta 180

aggaggggta tttaaaaaaa atggaaaaaa attcaatact taaaaatttg gaaataaaac 240

aaattagttt ttttttatat aaaaaagggg gggggaatgt ggtgggggta 290

<210> 8580

<211> 402

<212> DNA

<213> Homo sapiens

<400> 8580

aagctttttt tttttttttt tttttttttt ttggttttaa ggtttttttt tgaaaaaaa 60

aaaaataaa tgggtttttc atgttttttg aaaaagaaaa aaaaaggga agggggacat 120

tccattggg ggaaattttt ctttgggtta aattatttta attatgggaa tgaaaactta 180

tatcaataac aagggacatt aaaaaatat taattaataa aaagggaagg gaatgggggg 240

aggaggtctg ggggtgggag ggaaggggtt tatgggaaaa cattcggggt taaggggact 300

ttcctggaaa atttctgggt ttggggagat taagttaatt tcagggtatt caaatttctc 360

gggcgggggg ccgatgcacc ctaatgattc gaccactag cc 402

<210> 8581

<211> 226

<212> DNA

<213> Homo sapiens

<400> 8581

gtgttttttg atataatgaa accttttaag ggggttttac gcttaaggga tggaatagaa 60

tcttttttat ggcaaaagga taatgatcta agatataatt tgtgtgtgtg gtttaaatca 120

cgatttccaa tggaatgtga ttaatatcta tctgtgtctc cgtagtcttc tctgtggggt 180

catagggata agtgcgattg ggtctcgttt gtagctaacg agaggg 226

<210> 8582

<211> 338

<212> DNA

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<213> Homo sapiens

<400> 8582
gcacggagga tcattgttct ctcttcttct tctgcaggct tgacaagtcc atcttatatc      60
tttggatatat cagcatccgc acgttcatgc tggctaaaga agctatcttg gatgattaca      120
ttacatatgt tagtcttatt gtggggatac tgttttgccg atgatggttg tttgaaagct      180
gcgatttgat gtaccaagtt ttgattttct gccttttaaa tattttgttt tttttttctg      240
ttatgttgta ggggtgattg ttgttggttg agtctttctt taccattatt gtaaccttgg      300
tttatttttg ggatatttta tgtattgtat ttaatttt      338

```

```

<210> 8583
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(466)
<223> n = A, C, T or G

```

```

<400> 8583
cccaagactc tcattgattg tcgaccttgg gggctatttg tatttatgac atcattcaaa      60
tacctgcttt ttgaaacact aatgcctacc tgcctctggg ggtaacaatg ttgtaagggt      120
tgctcatttg agtgaatgta ttttatattt ttttcactct ggtactagtt ttttgttatt      180
tctttcgtaa tattctactt gggtttgatg tatggctact atctcttatg ttttcactca      240
tgtacttang ggcttttttag gtttttagtg ttaatgtgtg tggatatttg ttctctatat      300
tgttcataga tttttatttt actgattgta gtgttggtta atttagatga tttcatgatg      360
aactcattaa ccaggaaatg gacgtgcgta atacgtatat tttttgtttt tgactgtgtg      420
ttctttaata agttcttgaa ttttctattg cgagtgttag atggag      466

```

```

<210> 8584
<211> 210
<212> DNA
<213> Homo sapiens

```

```

<400> 8584
gttggttttg tggaaatgtg accttttttg ggggtttttg cttctagggg agtggatggg      60
tatgttggtt atggaatgag aatttttatg taaaaaatat tttgttttgt gtgtattaaa      120
agggttatta gatgatgtgt tcttatttta tatttatggt aagggatggg atttttgggt      180
tttattttaca agagagtgtt ggggtgtttg      210

```

```

<210> 8585

```

<211> 338
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)..(338)
 <223> n = A, C, T or G

<400> 8585
 ctggccttca aaaagtcgta gtggctattt tttttggaca aaagtaagaa atgttgtttt 60
 aggagtaaca cagttcaaaa gagcttttaa gaagcatgca cacttatcac aaacaactct 120
 ntcaggtggc cagctcgtac ttggatataa ttcattatct aaagatgaag ttagaagagg 180
 ggatacatct actgaagaca ttcaagaaga aaaagataaa aaagggaagt attgtagtct 240
 cttgtcagag agtgagagta cctcggggga agaagcatgc atgtctgtgc tgatcccagt 300
 gaatcctggg tccaggagta cctgcgggat ttatTTTT 338

<210> 8586
 <211> 210
 <212> DNA
 <213> Homo sapiens

<400> 8586
 gggttagtga acttgtgact ttgtcatcct aatgtatgct aaaaaatTTT tacttccaac 60
 accatgatat tatgagcgac tgttttTgtc ttgctaatga tgctacctgg gctgtgatct 120
 acacagactg taagtctcat tggggacaaa ctgctccaag gaactgttgt gattgtaacg 180
 ctgctatcgg gatgaaacct ggcgcttcag 210

<210> 8587
 <211> 466
 <212> DNA
 <213> Homo sapiens

<400> 8587
 tgattatgga atcgtgaata tatacaaggg ttttttcccg tataggaatt gaatgcacta 60
 tttctgatgt gggacacatg ctctttgata taatacattg atgtatgtga ttgaattatg 120
 tgtctcattg atgatgatat acatactttg atatacatgt aatgtcttct ttatagtgtg 180
 atgtatgata gtgcaattgg tcaccatttg tggctgagge taggggtagt ttggaggatt 240
 ccaatcttga tatatttga gtatgcatca tacttttggT tgaaattatt cttgtcttTgt 300
 gatatatcag atattagctc aagggaacttg ttatcaatgt ttttTgtcaa tgactttgat 360
 gatgttgcta tgtgggcaca tctctcagaa gatgtcaagg gcacattctc agattgtccc 420
 acatcctatg cattctattg aaattctctg gctgcgtctc atcaca 466

```

<210> 8588
<211> 178
<212> DNA
<213> Homo sapiens

<400> 8588
gggtagatca gctgcgcccc tcattctcga ctgcatgctt gacaagtcac atacttacia 60
cacacgtata tcaccaaccg caccttgatg ctggctacaa gagctaaata gggagataac 120
aacacacgt acggacactg gggacatatc gtaacacagg agtcataatg gagagaaa 178

<210> 8589
<211> 530
<212> DNA
<213> Homo sapiens

<400> 8589
gtacaagctt tttttttttt tttttttttt ttttttttat aaaacaacgc aataccaaag 60
aatatgaga caaaacaata aaaaccaaag aaagaagatg gggatagtag aaaaaaccag 120
gttgcttgca aaaaagacac atattacctt aggtccccc aaagataatg atggactttg 180
aaaaaaaa caataaaata cggaataata atattaaata aataaaaaca taaacctac 240
tgttataaat aacataaagg agagttaaac ttggatgaga tgcttaataa aattaaagta 300
tgatgcgata agaataaaga actattaatt ggacaagtcc agagaggcac aaattactat 360
gaacactaaa cctccatga tgggcaagag gaaccggcaa cccagcggg gaggtttatg 420
gtctggggg acgtccgatt ccaggggaga aaaaccagag cttgtaaacg ttattgagac 480
ttctactgga gagacgcaca atatatttca caccaatctg ttgtggggagg 530

<210> 8590
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(386)
<223> n = A, C, T or G

<400> 8590
taccggttgg ggctcccaagt gacagtgtaa ttccaggggg aggtggagcg gctctcgatg 60
ttacgtgaca tggaaacgcg ctggttttca ttgatgatgc caatgtcaag cttcatacta 120
cctcctggca caggcgggca actctcange ttttggaaaa aagtatgtcc tactttgggg 180
atttcccgag ctgcgcctc actcagaag gcaagcccca atatcgacag cagcaagtac 240
ttgaccatgg ctgggccatg cagggtcttc actgtcatgt tgcgctggtg gcttactttg 300

```

```

tgcaggaagc tctttctgtg aatgtatctt cctgaccttg ccgggcggaa gataaaacaa    360
aacgagaag aacaagcaag acaaga                                           386

<210> 8591
<211> 162
<212> DNA
<213> Homo sapiens

<400> 8591
tattaaaaaa cctaattctt caccgaattt ttttaacttg ccaggaacac ccaataatat    60
ttttaaatat atcactttaa tagacttttc ttttagatgt cttttcttgt aaaggaagag    120
gtgatatggt ttcatttga tgtgcttaac tcaagttgat ta                        162

<210> 8592
<211> 386
<212> DNA
<213> Homo sapiens

<400> 8592
tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt    60
tttttttttt tttaaaacca aaatattttt tggaggatta tttggggggt tttttaaaat    120
gaatgggggt gtggaacagg gggccttttg ggtttggggg ggggtctttt ggggggtcca    180
tgctgaatt ggggggatta aatttttagg gggcctatgc gaccagttag ggggggtttt    240
tgttttttaa cegtgggcct tccaatttta ctttttttgg ggcttggggg gggagcccaa    300
tttggcacag ggggattttt ggaggggggg gggcttaaag ccacaggggg gggaaaaagg    360
ggggctttca ttgggaccct ctaaaa                                           386

<210> 8593
<211> 162
<212> DNA
<213> Homo sapiens

<400> 8593
caagcttctt tttctttttt ttttctttt tgactttatc acaaaagtcc aaattatgac    60
ccatgaaaaa atagagcgaa ataaccctac tgatgaaaga atacatggac ctctgcatag    120
atcacaagga catgggggga gaaggcgcg cccacgccgc ct                        162

<210> 8594
<211> 194
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) .. (194)
<223> n = A, C, T or G

```



```

<400> 8594
gaccgtccta agtaatcaca ccgtacactg cacacaaaca tgggcaacca gcagctgctc      60
ctgcatgctt taagtgtagg aatnacatga acatgaaata gtggacaagg agaacaaca      120
ggccaaggaa ccagctatca taggacaaga cagaaatgaa aagacatgac caacgtactg      180
gagcggcgtg atag                                                    194

```

```

<210> 8595
<211> 402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(402)
<223> n = A, C, T or G

```

```

<400> 8595
tgcttaaccg atggctctga tgtggtcagt gaccttgaac acgaagagat gaaaaatcctg      60
aggggaagttc ttanaaaaatc naaaagagaa tatgaccagg aagaagaaaag ggaagagaaa      120
aaacagttat cagaggctaa aacagaagag cccacagtgc attccagtga agctgcaata      180
atgaataatt cccaagggga tgggtgaacat tttgcacacc caccctcaga agttaaataatg      240
catttttcta atcagtcaat agaacctttg ggaagaaaag tggaaaggtc tgaaacttcc      300
tcctctccac aaaaagacct gaagattcct ggcttatagc atgcgagcat tgaaagacca      360
atagcaaaact tatcagtacc tgcccggcgg gcgngtgcag gg                                402

```

```

<210> 8596
<211> 210
<212> DNA
<213> Homo sapiens

```

```

<400> 8596
tttttttttt tttttttttt tttttttttg gtttttttaa gtttttaaac tttttatttg      60
cataataaaa aaattgtgca ttccaataat taaaatcatt tgaacaaaaa aaaaaaaggc      120
actctgaata aactggatta cagcctggca ggacacctgg gccagcttgg ggctactcta      180
aaatccactg gcggcccacc ccacctcccc                                210

```

```

<210> 8597
<211> 210
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (1) .. (210)

<223> n = A, C, T or G

<400> 8597

cccacactgt caaatgtcaa ctccaccagc atctganaac aatgagtagt atgatgaaat 60

gtagaaagaa ggaaggtggt aggtaaagga gcggaatgaa cgagtgggga aaggaggaag 120

gagaganaga gaaagaggaa gagaaaggaa gaagaaaaag acagcatggc ccggcctaga 180

cacaaaacca ggaggtgatc aagctcagca 210

<210> 8598

<211> 210

<212> DNA

<213> Homo sapiens

<400> 8598

cgctgattga aacaccacta tattttcttg atttaaaaa accttctact acccctcaaa 60

atgaagaat tcgatgagtt gttatactaa taagatagcg gcctatgact gaaaatgctg 120

tccgcacaaa tggacgactg gtcaaaaatg acacactgta tggacaatca acaacacaca 180

ccacccccga aagcaacgcc ggcaggaccg 210

<210> 8599

<211> 290

<212> DNA

<213> Homo sapiens

<400> 8599

gaggctcagat cctgctgggc ttggcaacga gggactcgga ctccggcagcg acccagacca 60

cacagacact gggccaagga gtaagcagag gataaacaac tggaaggaga gcaagcacia 120

agccatgatg gctacagcgt gtgctggtgg aaaccaagat aaagatgccc attttgcacc 180

accaagcaag cagaggctgt tgtgtgtgcc aaaatcaaaa ctgcacatca acagagcaga 240

gatctcaag attatgaag aatgtgagga agaaagttag tgggaaaaag 290

<210> 8600

<211> 258

<212> DNA

<213> Homo sapiens

<400> 8600

cgggtcgga ggccgcttca cgttcacctc ccacacgccc ggtgaccatc aaatctgtct 60

gcactccaat tctaccagga ttgctctctt tgctgggtggc aaactgggtg tgcattctga 120

catccaagtt gggggagcat gccacaact accctgagat tgctgcaaaa gataagctga 180

cggagctaca gctccgcgcc cggcagttgc ttgatcaagt ggaacaaatt cagaagagac 240

aagattaaca aaggtatt 258

<210> 8601
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 8601
 aagctttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60
 taataaaatg aaacattttt ttttaacagaa agaggggtggg ggggggtggg taataaaaggg 120
 tttttgagaa agtttttaaac cgaccacaggt cttgggggaa atttttgggg ttaggggggg 180
 gggaaaaaag gcctaagcct taggaggggg aatttggggg tttttgttgg ttttgtttaa 240
 aatagaattt tttttggcct ttttttggca ctggtggtgg gggggggggg ggaaggggg 300
 ggcacaggtt tctgtttttg ttttgtcccc agatgttt 338

<210> 8602
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8602
 gaaggcatga tgttttgatt tttttttttt atttattatg ctataataagg gttaaacagat 60
 gctacaagcc ggcaaaaaa tagtacggat ttcacgggag aagaagcagg accacggcga 120
 atagaaatga tgccgaacca aaaagctgag aacatgttgg ga 162

<210> 8603
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 8603
 tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60
 ttttttttta aaacaaaaa atttattgga tgattaatgg ttgacttttt taaatgaat 120
 gggatggtgc aacagggggc ctttgggggt tagggggggg tccttcaggg aatccatgcc 180
 tgaattgggg ggatacaatt tttaggggcc ttattcgacc acttcggggg gtttttcctt 240
 ttttacctt ggcactccag tttttctttt ttttgggctt ggcggggggc ccacattggc 300
 caaagggcga tttttgaagg ggggaggcct taaagccaaa ggggcggggc aacggggggg 360
 ttttattggg acgctttcaa aaagaagaag tttcttttgg ta 402

<210> 8604
 <211> 494
 <212> DNA
 <213> Homo sapiens

<400> 8604

```

tacatcttaa ataagtctaa taattttggt tcaccttaaa gtaaaaatac attgaaatga      60
atgagagaga tctagatctt aaaaaagttg accattcatt attgctggaa ctgaagaaa      120
gaaggatata ctggcatcac gatttgtcta cataagtcca gttcatctcg cgtttgtttt      180
ggcaagaaga ggacactaca aaactcacag tgcagtcaaa acaaaacaaa acaagaaaaa      240
agcacaaaaa tggctgggtg ggaaccatat aacaaaacta catctcaggc agctctttct      300
caaggaagat tctaagattt tattatgtgg ctaattctaa attggaaatg gaacatgccg      360
gtatgtgaag caattggtgc taggacttta ccctttgctg atatgcaatg ataattgtgat      420
gagctttagt gactcttgaa tcaggataat cacactcttt aggtacctcg gccgcgacca      480
cgctaatac tagt                                     494

```

```

<210> 8605
<211> 178
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(178)
<223> n = A, C, T or G

```

```

<400> 8605
ctctngagct tgtatggagg taagagtaga aacaccatta tgattgtaat aaacgagtg      60
ttgaatgatc tggttatggg tggctgatat cacactatgg ttagctcat gtgagtgatg      120
ctcatgatgc tagtaatacc gatgtgggta tggatggaga ctaatanggg gattgatc      178

```

```

<210> 8606
<211> 194
<212> DNA
<213> Homo sapiens

```

```

<400> 8606
taaggaaaga agtaagaatg aaattgaaga aagatgatta tgaaaaagaa gggagaaaaa      60
gagaaaaata atttttttat gtttttatgg ttttattttt ttttgatatt tttttgatta      120
aattttttt ttatgaaaag aggtttgtgt tgtttgttgg attttttttt gttgtataag      180
ggattgtttg ttga                                     194

```

```

<210> 8607
<211> 306
<212> DNA
<213> Homo sapiens

```

```

<400> 8607
gtactgtttg gtaccttgga ttgcatgagt tgggtggggc cggcgggcct agccactggg      60

```

```

cgtggaacga caccggaat agtggtgatg gagtgaggaa tagctgttac ccttcactat 120
gaccgctata acacatgctg aacgatggat cccattgcac aattgtatag tgttggagggc 180
actactggga gcgattctta tacccaacaa gcgatacacc gacataacaa atgggtgggat 240
gggtataatg atcatctgtc gctgccacat cgataaatac tgaattgata gggaatatgt 300
tggttg 306

```

```

<210> 8608
<211> 306
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(306)
<223> n = A, C, T or G

```

```

<400> 8608
gacgtgctcc acgtggaacg gtggttccat actgtccctt ctgtacacta tacaacgnat 60
gtgagaagca aaacangatt atgatgagat atggccctac atggtttacc gacatatgct 120
tatatgaag actatgactt attctgcgtt acatcacctc tgttgtacaa gatggtaact 180
tgcgtataag acatgatgag attgggtggt ttttatttga atttttggtt ttgatttggt 240
ggttattttt atattgtatg agttgagtat tatattttag taacggcaaa tgtgtcacc 300
acattg 306

```

```

<210> 8609
<211> 242
<212> DNA
<213> Homo sapiens

```

```

<400> 8609
gggcagggtg acgcgtcggt atctaatttt tctgaatcgg aggccaaaag aacaaacaag 60
ggcacgaaaa taggccatgc cttttttgga catttataaa aggtttttgt tttattttat 120
atagatgggt gattattttat agtgggtaac agttgtataa gatgggtggt tgttgccatg 180
tttttgaaaa tataatggat agattgtgtt catggaattg gtttatattt tgataataga 240
at 242

```

```

<210> 8610
<211> 226
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)..(226)

```

<223> n = A, C, T or G

<400> 8610
 ggctactgnt ccaaggaggt aaaaggttag ttactggttg tctctccatt caggttanaa 60
 ggagnaggtc tgcggnctag gnagnntcaa taaagtgat tggctcttag gggcgaaat 120
 attatgtnc tttgtgtttg gtatatatgg nagggatggg gnattattgt ctaggataga 180
 gggatgggtat agtgaatagg ggcaaggcac gtcctcccta gttttg 226

<210> 8611
 <211> 194
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)..(194)
 <223> n = A, C, T or G

<400> 8611
 gctgcaacgg ctattattca tcttagtggg ntaatggagc antaggttag tattttgcgt 60
 tgctgggttt gggttaatcc acctcaactg cctgctatgt aggcataata ttgagtatag 120
 tgaggagaag gcttacgttt cagtgtgggc atagtattgg gtatatggag cgtagatggt 180
 ggactgtact tgtg 194

<210> 8612
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 8612
 ctgcaagcag gggggacgag caacgtgaga tgagcagggg atggccaggt gaagcggctg 60
 gagatgtttt aatgcaccgt cgcaggggtgc aaatgagaga gatcacaagc agcaaaacaa 120
 ctggatgaga cgatgggagg ggcaaggatg ccagatgtca agagatccat agcgtgaga 180
 ggaatgtggg agggggatgc tagagtcata gtaaagggga aacctatgc tagctgtcaa 240
 cagagttcac aggggggtacg ggataactgt cggg 274

<210> 8613
 <211> 157
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(157)
 <223> n = A, C, T or G

<400> 8613
 gntacatggn cctgnttctc ctatatggna anaaaaaac atcccccccc tгнаattttcc 60
 cagntctctc gnagnattta atgggtgcct aaggagcata taatgaatgt cattgccatt 120
 tacgaggtag ctcggcccca ccacgctaata cactagt 157

<210> 8614
 <211> 177
 <212> DNA
 <213> Homo sapiens

<400> 8614
 ctactgttcc aagaatggta aagaggtagc ttacgggtgc tcctcgaatt cagttaaaaa 60
 gaagggggccg gcggctagga agtcaataaa gggattggct ttatgtgggc gaaaatatta 120
 tgccttttgc gtgggcata tatggcagga tggggaatca caccaccacc acaacct 177

<210> 8615
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 8615
 tagggggggg ccccggggcg agggggccaca acaatgtaaa ggcttatgct gggaggaaaa 60
 gggcaaggtt ttgcggtgt ttttttaaaa attatTTTTT tgataggagg gaagaaccgg 120
 ccttogaagg gaaaataagg tacctactaa aaagggggcc ccttaattta aggttaatgt 180
 gttaaagggg gatgcccgcg gtccttgggc ggcaacaacy taaataacaa gggaactggg 240
 ggccgcggga ggggggaaaa taggggaaaa ctcccaaaca gggggatgaa tagttgggat 300
 tttata 306

<210> 8616
 <211> 466
 <212> DNA
 <213> Homo sapiens

<400> 8616
 gatgtgatta tcctaattca agagtcacta aaactcatca cattatcatt gcatatcagg 60
 aaagggtaaa gtccatgac caattgttc acataccagc atgttcatt tccaatttag 120
 aattagccac ataataaaat cttaaaatct tccttgagaa agagctgcct gagatgtagt 180
 tttgttatat ggttcccoac cgaccatttt tgtgtttttt tcttgttttg ttttgttttg 240
 actgcactgt gagttttgta gtgtcctctt cttgcaaaaa caaacgcgag atgaactgga 300
 cttatgtaga caaatcatga tgccagggtta tccttccttt cttcagttcc agcaataatg 360
 aatggtcaac ttttttaaaa tctaaatctc tctcattcat ttcaatgtat ttttacttta 420

aatgaacca aaaaaattaa acttatattaa aaagagaact gccggg 466

<210> 8617

<211> 402

<212> DNA

<213> Homo sapiens

<400> 8617

cctgggaaga aaatttggtt ggtggaggga aacgggggca gctccaaaag ggatgctgtt 60

gttaggggct taaaaacatg gctgcccc gggaaactga acaagggata gagggggagc 120

tccccaggc tcctgtgtgt ttactaaaa gggaacagt ctcaagtggtt ggctggaggg 180

gaatacactg tttttaaggg ttagggaata gaggtgagg ggatggaatt gaaaaaatat 240

atttatTTTT aaaaatatg gggagggaac tctctactga ccttgaaaa cggaacaa 300

gtgggccctt ggggcgaac aaccctaata actaggggaat tggggggcgc cgggggggca 360

acactagggg aaagcccca acgcgttggg agaatatctg ga 402

<210> 8618

<211> 338

<212> DNA

<213> Homo sapiens

<400> 8618

ggcagcggg cgggttggg gcgcacacc ccccttctg gcgcgcgcg gtgagggggg 60

gggggcgtg gaggatggg ggatacagta tcaaatgaaa aataaatgtt aaaaaatcaa 120

aaggggcggg ctccttaaac aattttggcg ggccaaaatg tgagggtatg gaggggaggg 180

aaaaaaaaag ggggggggca tggggggcgg tgggtatatg gttctttacg ggggggggga 240

tagggatgga cgcagcggg gcgccccta cgacaaacca cccgcaccct gccctccaca 300

catgcggggc tctctaaaca tggcttcctt ctaagaac 338

<210> 8619

<211> 258

<212> DNA

<213> Homo sapiens

<400> 8619

tctggtcaaa agtcaaaaa atggagttaa caatgggcat aaatgtaaaa agtgactcaa 60

atggagggaa aacctggggg ggaaggagg atgcgggtga gtaaaaaactt gcaaaagcagg 120

tggttacct ttgcatgga acgctcgct taatacacct gattaagcac acaaggcttg 180

ttgaaacatt aggcaggag ggtttgtgtc ggctgggcag gaaggggggc atcacgtgg 240

aagaggaaag cagcgact 258

<210> 8620


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<211> 242
<212> DNA
<213> Homo sapiens

<400> 8620
gctgggtctgg acggtcaaga aaatgcggga taaactactc aactggctac tacgtggaat      60
gacactgtta tcgtcatcgt acagaacgac gacatccaaa cgcataattgt agagatacgg      120
accagtgtat ggaccagggg gatcgaggaa acccgcttca tctaataatga cctacactta      180
taatatgttg aatgaggatg gtgagtggtc tgagcggaaa aaggggaccc actgataaga      240
gg                                                                                   242

<210> 8621
<211> 226
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(226)
<223> n = A, C, T or G

<400> 8621
angaaataag actgaggggt ctatctacac ttgtagcgga catcaacaa ctaatgagcc      60
aattcctcct gctgcaactg gtctaacgga tgcagcagtt tatactgac gacatgatct      120
ctaaagccca taagccgaaa aatggcatct gagatatgct gggccaggtg atgtgtgtgac      180
gagatgtcag tgatcagatc atctaccttg tcataggcca tgaact                      226

<210> 8622
<211> 162
<212> DNA
<213> Homo sapiens

<400> 8622
aattgccaaa ttgggaaaa acacttgtgt gtgggccaaa cctgtgggtt aaaagaggtt      60
aattaataaa ttactgacg gggggagggg ggtaaggta ttgtgggtta aaggactgtt      120
gcgtaaaatg tctattcgtc gcctacggct gccacaaaag cc                      162

<210> 8623
<211> 194
<212> DNA
<213> Homo sapiens

<400> 8623
tgattagaga gacggggaac agagccgcct ttctacttgg ttgggcgtgt ttccctcgtt      60
cttattgttt gttctgggtt taagctccaa aaaagggggg ggccatgtta tcttcaatat      120
gttttggttg tgggggcggg tgggtctttt atgtgacca cagatgtcca gaaaactagg      180

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gaggggaattt tatt 194

<210> 8624

<211> 498

<212> DNA

<213> Homo sapiens

<400> 8624

caccctaaca gagggaaatt ttttttaaaa aaataataa aataaaaaca ataagcaaag 60

aaaaatggat gtaatagggg tgggtaaaact aaaaagctac aaaaaatggg tccctccacg 120

gaaaaatta tggaactgta aaaaattgtg ggaagaaact atttgaatt tctcgagttt 180

agtaaaacag ggaagaata agggaaaaag tgggataaag aggatgataa atttgggttaa 240

gggtggggga attcaagcct tccaaactaa taaacctat tttccatacc ccattatggg 300

ggggaccacg gggaacgggg gcccatgttc tggaaaggaa ttcggggagc gggggggaaa 360

aaaaagcact ttttggccaa aatatagggg ttttgggtgt ttcgggcctt tgaagcgagg 420

gggggacaca cagaaggggg ctataatggc aacacccta ataaaggag ggggcttcaa 480

agggaaattta aaaaaata 498

<210> 8625

<211> 514

<212> DNA

<213> Homo sapiens

<400> 8625

aaattctttt gtgaattatc gtgagggaaa aatatttttt attaaagaaa atctttaatt 60

aaacgagggg gactaaaacc aaaaaaaatt taccaaaaag ttaagcacct taatcaatgg 120

gttcaactct atttttcggg cggggggaaa aaagggggga aaagcgagg gagggttgga 180

gggggttttt taaattttta aactaattat aaaaaaact tgggaggggg aaaaaaagg 240

cttaaccocg gtttttaaac taacagcaca gggtttcatt cacccttttt acctacccca 300

aaaaaaaaa aaaaaaaaaa aaaaaaaaag ttggcccoct ggggggagacc acgctaataa 360

cttagggatt gggggggcgc gggggggcgc aaattggggg aaagctccca gcgggtggga 420

ggaatagttg gatttttttt tagggtaact taaatagttg ggggtattta gggaatgggt 480

ggttttgggg ggaaattgtg taccgggctc aacc 514

<210> 8626

<211> 178

<212> DNA

<213> Homo sapiens

<400> 8626

ctgtgttggg gggggggcga aaaaaataa aaagaagggt cttgagtggt gtggaagag 60

ggggaaaaaa aaaagggggg ggaaaaaggg ggaaaatagg ggggggggga aaggaggggg 120
cgcggtggctt ttttgggtgt tgcgagaaag aaaaaaaccc cttttgaggg acgcgccc 178

<210> 8627
<211> 482
<212> DNA
<213> Homo sapiens

<400> 8627
aaaaaatggg ttaaaaaaaa aaaaaaaaaa aaaactggtg ctaacat tttt ttatat tttgg 60
ggtttttttt ttaataacat taaaaatgga aagagt tttt atttta agtg cctctgggg 120
taaaacaac ctccatctcc ttggttaaaa aaacgctttg ggcccctgga gggaaaaaaa 180
tctgtgaggg gtgggaaat catccaaccc ggaaaacatc cttcaacaaa cgcaccaagc 240
aaagagtatg agggggggac atcaaaatta ggggtgggat tttaatggaa atctctctca 300
taacctcttt tctttgggtc tacagtaggg gtaaaaaact ccaaggggga tttaaaaaaa 360
ccaaaaatta tttaaggggc cctctgccc ggaccacgcc attctttagg gatcgcgggc 420
cgcggggcgg gcggaccatg gggaagacc ccacacgcgt ggggtgcatt ggttggtttt 480
ct 482

<210> 8628
<211> 482
<212> DNA
<213> Homo sapiens

<400> 8628
tagtgcatag tttttattat attcgttttc cggagtggag cgcgtgttg ttccgtttgt 60
gttcgtctaa gacgtgaaga aaagctgatg gtttgtgtg tatatatgtt acacactgtg 120
tggagtagtg ggcattctgt aagtgaagcc cacaagcact gtatttatcc ctgacctgta 180
tactaccatc tgctgccctc cctagccgca ccaatctact accttatacc aagtattgag 240
gatattgatca caggctcacc cagacaatgc agtgaacaag tgaaagaaat gcattgtgtg 300
tgaagtgtga tatataaaaa gcccatgcag aataccattg atgcctgat ggaagagaaa 360
atggcagcaa aaatttcatt attctcaca gctgaaacg cgtgaattac aagggtctaa 420
agaaatacta atgcctctaa cctttcctat agctgctttt tatctgaagg gttccttgaa 480
tg 482

<210> 8629
<211> 322
<212> DNA
<213> Homo sapiens

<400> 8629
 gttgtgacag tgaccgtggg ggatattgag attgagataa ccaatatcac tacgggcaca 60
 acatacatatt atgacgctag agcaagaggc cgagaataac gtggataata aaattgacaa 120
 agacagcaga ggcctcaata cccacggact cctgtcttga cccgaagtag agactgttaa 180
 gtectgatgc gtgcctgcc ctctcttcat tgctgccctg gaatgtacct gcccgccgt 240
 tccccaaaa cagcccgaa ctggggctgg ttaatgcagg tgatgaacca gtgggtggta 300
 ttgtgtattg tttgtttta aa 322

<210> 8630
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 8630
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 tgggtgggac ggaacatcga gtccctgggtc gatgatggag ctgatggagg gctggatgac 120
 taatggcgcg cccaggcccg gggggaccaa actccaacac aagacaggag cgagacgtga 180
 ggggagggag ggacacacgg ggcggccatg gacgcagaca gcaccgtggg ctgtgcagtc 240
 tttgttgtag ggggagcaca agccggtatg aggatagga taaaattaat gggatcact 300
 tccctttttt tgtttttggt atttttaacc acataaat 338

<210> 8631
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 8631
 gtgaaaatat ggtgttttagg cgtttttgtgg aggttggtgg ggtggtctat gttttttttt 60
 ggatcttatg ctgaaaaatt ggtagagatt gtagatgttt ttgtatatga aaagggtttt 120
 ggttgatgga tattgtttta aagtgaggag aatggtaatg tgttttatgt gtttgatgtt 180
 aattgatattt atttttagtt tatgtagggt tttattatat gtatgtcata atagtttgga 240
 aaaaggcaga tattatttaa aaaagggtaa atataatgat ggggtaagaa gattgaagat 300
 agaaaa 306

<210> 8632
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 8632
 tacatttttc aagctgtttt tctttatgtt tttgaaggac catttttaat tagctctttg 60
 atacaaagta actcagaacg tcaaaacctg taccactaa aggggaaggct gccgggaagg 120

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caaatggaac aggaatggag cctgtctcag gaaggccagc cgcaggtcct ccagaaaatc 180
aaagaaggga agaaactctg agtttgaggt acctcgcccg cgaccacgct aatcactagt 240

<210> 8633
<211> 194
<212> DNA
<213> Homo sapiens

<400> 8633
gtccccctct tttttttttt tttttttttt tttttttttt tttttttttt 60
tttttttttt tttttttttt ttttttaaat agattttttt ttttgaattt tttgaaattt 120
tgaatttaaa atgaattgtg gagggggggg ggagtttcaa tatgttggtc gtgttttggg 180
actgggttgg cggc 194

<210> 8634
<211> 493
<212> DNA
<213> Homo sapiens

<400> 8634
acatatataa taagtctaata aatttttggt catcttaaag taaaaataca ttgaaatgaa 60
tgagagagat ctgattttta aaaaagtga ccattcatta ttgctggaac tgaagaaagg 120
aaggatacac tggcatcacg atttgtctac ataagtcag ttcatctcgc gtttgttttg 180
gcaagaagag gacactacaa aactcacagt gcagtcaaaa caaaacaaaa caagaaaaaa 240
gcacaaaaat ggtcgggtggg gaacccatata acaaaactac atctcaggca gctctttctc 300
aagggaagatt ctaagatttt attatgtggc taattctaaa ttggaaatgg aacatgctgg 360
tatgtgaagc aattggtgct aggactttac cctttgctga tatgcaatga taatgtgatg 420
agttttatgt actcttgaat taggataatc acactcttta cgtacctcgg ccgcgcacac 480
gctaatcact agt 493

<210> 8635
<211> 546
<212> DNA
<213> Homo sapiens

<400> 8635
acaagctttt tttttttttt tttttttttt tttttttttt ttgggagggt tttgggtttt 60
tttttggttt tttaaatttc aggaattggt ttttttattt aattcattaa cctttttttg 120
aaaatatttg aaaaaaaaaa ttttttttta aatttttttt tttgggtggg aaataaaaaa 180
ttggaggtta ggggaaatta agttgaaaaa gaaatgggaa catccacccc cacctttttg 240
gaaaaaaaaa aatgaatggg ggggaaacca agggtagaag gggaacaggg ggtagggggg 300

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gcacgggggg gggtggcct tccacctcct tacatcttgg ttacaggggc ccaaacccat 360
ttggggggcct ttggaaaaaa aaatggcaag gggttttgga gtaaaagggg ggggggggga 420
aaaaattctg gatttcgggc cctcacaaaa aagtggtgtt agggttttca agctgggaaa 480
aacacattaa aaccgggggg acttttgggg ggtggaggaa aacaaaaaaa gggaaaacaa 540
cctgga 546

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<210> 8636
<211> 290
<212> DNA
<213> Homo sapiens

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<400> 8636
gggtgtgata tctttttttt ttgtatatat atgttgttgt tatggattat gatataattgt 60
ttttaataat ggagatagaa ttgcttgttg gattgaaagg gagtgtttat ttatattttat 120
taagaaatag tataacgata gattgttgtt taggttaaga ttgaatatat attataaat 180
taatatgtag tatattattt gttgtgttta tattatgaat taataaatt gatattgatt 240
atattattat ttgaagtcot tatattaata agattttatt aggtaaagg 290

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<210> 8637
<211> 274
<212> DNA
<213> Homo sapiens

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<400> 8637
ggtactttct atgaaaaggg ttggccata tagttgttgt tgacgttctg ggtgaaaatg 60
gaagggtttt gtggtccgaa taaggggggg aaacgataaa cagggtttcc tcataagaa 120
gggtgtttgg acccttggtc gtgtccgttt gttattgatt tgggggcatt tctgttcacg 180
actaaggaaa cttggacaaa aaaagaaac attagttcgt ggttgcattg tggatgtaa 240
tttgactgtt ttaacctggg ttattgtaca atg 274

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<210> 8638
<211> 338
<212> DNA
<213> Homo sapiens

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<400> 8638
gtgccggcac cacatgaat gggggaccct cgttttctg ttcatcagtt gtgcacctt 60
atacagttct gttgtagga tagaacaatg agcagacatc tgcacaggga tgacagggt 120
caagctacat gcatgtgtac ggtgatgtgc tatgggccac aaaggtagcc tatgctgata 180
tggaactttg attacaacta gggcatattt atggctgatt taatgtgata acagtcccca 240
gtagtgcctt ccgaataaat gaaaagtgtc ctactgtggg gtctggcaag aaaaaagcaa 300

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aaatcatgat attcacgctc acatgcaaag aaagtata 338

<210> 8639
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8639
 aaccttttgc ttatgctgtt ttttatttgt ttgtttattt ctatcatttg ttttatataa 60
 aaaaagggtg aaagttgaat atatacaaaa ctaacaagat aggaacctg gcaataata 120
 cataatggct ctaataatca cataatagca agctgtcctg ag 162

<210> 8640
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 8640
 tgcacatgaa acacaagatg agaaagtgtg aagtgagac acagaatagt aagaagggga 60
 caactagaga caagtctgtt gaacaagaga aacaacaaaa caattgtgta ttcattgttc 120
 aacaatatag agggacatca ctggggcgag atgccggtgt gataatgtac actagcggtg 180
 gagccttggc accg 194

<210> 8641
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 8641
 gcacaaaatc tagatttgc aggcctgagg tagagaagga catatgttat agtagatgaa 60
 aatgatggaa tagcaatgag atacaaaatg caactaaaaa tgggataatc tagatattag 120
 agaggacttc aaacatgcaa ataggaacca caggtgacta tgatggata tgcatttatg 180
 tgtgtgagta ttcattgtat tacaggctga atgtaacaga cacaagcaaa taggttgctt 240
 aagactgtgt cctgttctg tcggatgtgg gcggggagga tggatcatctt ctctggtgtc 300
 tcactgttag actttgaagc gg 322

<210> 8642
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 8642
 gtacaatatt ggtaattatt ttatatctgt gaagggtgtg agttaaaaaa aataattcat 60
 agaatgacaa aaagtactta actgttgtgt tagctggagt gaaaggatg atgatata 120

ttaaactggaa acagatgaat gtccacggag cttctgttg gagaggacat tgcagccg 178

<210> 8643
<211> 466
<212> DNA
<213> Homo sapiens

<400> 8643
gtaccaatac gaccaattgt gtacacatcc tgttataggca tgtgcatggg cttgacaatg 60
ggacgagtgg gtggttaggat gcagtcaaaa gcctcaagca tagtggttcc aatggaattg 120
tgcatactta ggggtgtact ttccatccat atgaactatt gcttgtaagc acattggcct 180
ccaagatggt gagagcatct aaaacaaaga ttggcacaag agatactgtg tatgagatag 240
agagaatttt ttgtgtgata gggatggatt catttgcaat aagattatgt ctataatagc 300
agtttggcgg attcaggcga atccatgatg taaataccga ccgtgggggc gcaccgaagc 360
tagtgtgttg gatctaaagg ttgtctatat gtggtgacca tcagtgttta atgccatcta 420
caatatggag catctctccc ttaaacatc tggaacagcc acagcc 466

<210> 8644
<211> 258
<212> DNA
<213> Homo sapiens

<400> 8644
taaatataatt agggaaaagg ttttgagggg ggggggtgga agaaagggt tgggtttggt 60
ttgtttctcc tcccaaaaaa aagccactaa agcagttaca gaaatgaagg gtaaaatggg 120
ggccacaaag ccatggtatg tagctttagc tcagggaana aaagagcgcc gggctcacct 180
cattaaccag tatatgcaga gatgggcagg ggtacctgcc gggggcgccg ggcggcggtt 240
cgcgctgggg cgggggct 258

<210> 8645
<211> 178
<212> DNA
<213> Homo sapiens

<400> 8645
agtactgttt ttgtttttt tttgttttt gaagcgagag atgacgggtat gggggaaaaa 60
tggatgggaa aaggggaaca aaggagaggg aggatgcgag gaaaagcacc atccacgca 120
tgagagaggc tattagttag ggacagagtg gggacaaaag agagcaaagg gaactgta 178

<210> 8646
<211> 386
<212> DNA
<213> Homo sapiens

<400> 8646
 catttttttt tttgtttttt ttttttttct ttctattttt tttttttttt tttttttttt 60
 tttttttgac tttctttgtt tttttttgtga tgcttttttt tttttttttt tatagtaatc 120
 aaaaataaaa aaaaaaaaaa aggaccgggg ggaaaaaatc tggggaaaaa ctaaaaaaac 180
 gggggggaaa aacaaaaaaa aaaaaaagaa aaataaaagc gggcgagcca caaatggggg 240
 gggaaagggg aaaaaaaaaa aagaaaaaaa aaaaagtaac aaagggggcc ccggggaggg 300
 ggggcagaag ggaaaaaaca cccatcccgg gaggggagag gggggaaaaa aaaaaaaaaa 360
 aaacaccaa aaacgcctt cgggca 386

<210> 8647
 <211> 450
 <212> DNA
 <213> Homo sapiens

<400> 8647
 caagcttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60
 tttttttttt tttttttttt tttttttttt ttttaaaaa cggggcatta attaaaaaaa 120
 aagggggaca aaagaagggg ggggggggaa tcacaccaa actgggggta aaagaggggg 180
 gggataaact ggaaaaaaca atcaaaaagg gggggcaaga acaagaaggg agtggggaaa 240
 ttataagtgg gaaaaaagcc aaagataaaa aaccaccaca aaagggggtc catatgggaa 300
 ggattcacac atgagggggg tggatcaagg aaaggttcct atccattgaa aaatatatca 360
 ttgcggccat catatgaagc gagagcacc tgcaatgaag aatgttaagg ggggggtgga 420
 gagggggaat aaaattgggg gaatggccac 450

<210> 8648
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 8648
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 aaaggaaaaa ggagtcgcac taggaataat gaataataga agattataaa taaatacgat 120
 attaataata attaattagc ggtcataata taatgatcca caacgaaact ctggaacata 180
 tataaatgac tcatgacatt actatttaaa taaacatgat ctgcaccaa actatttaat 240
 gcttatttac tgcattacat tcggagacag ggtctagctc tgcgaccag gctggagagc 300
 aggggtgcga tcttggctct gtggaaccga cgcctcccag gcccaagcga tctctccgcc 360
 tcacacctcg gccgcgacca cgctaatac tagt 394

<210> 8649

<211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8649
 agtatttttta tttttttttt tttttataaa aaaaaggaca ccacgaaaaa ggaagacggc 60
 aaaggaaccc acacgtaaaa caaacacaaa cggcaaaaag aaacaactcc ctcaaaaaacg 120
 cggccggaag acaaccacag ggggggggag cgaggaaaaa ac 162

<210> 8650
 <211> 482
 <212> DNA
 <213> Homo sapiens

<400> 8650
 tttgtttttt ttgtttgttt ggtttttggg gttctaaac cggaagggg ggtattcttg 60
 gttccagcaa acgtaaaaag ggaagaaaaa tgggtaaaag ggaacaatga agctcggagg 120
 gaagttttcc ggggggacaa ggggggctta aaggtaaaaa aggtgtctgt aagggatgtc 180
 ggtgggggaa acgtggcggg ggacagaaaa aatgaccac caaggggaagc agggggctta 240
 actgctaagg ggataatccg gaacaatcca ggcaaaataa gggcggggta tgcccttgta 300
 tggaatggcc atagggttaa aatggcatgc aggtttgttg agaggaagga aaaaatggat 360
 ggccgtgcgg gtaaaaagct ggaagatggc ccaaatcgtt gagagtgtgg tgatgttgcc 420
 atgggggatg tgggtcgggtg agagcacatg tgtgtggaaa gcctctaata ctacgcaact 480
 tt 482

<210> 8651
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 8651
 gtacttgttt tatttgtttt ggggtatttt tataaaacaa aaaacaaaat aaaagccttg 60
 aaaaataacg gggggcaagc aaagcgggaa aaagggggaa aagcacctcc cggaggggaa 120
 ccccccgggg caagcccgag ccaagagagc gggacagaga caagaaaccc ggaaaaggaa 180
 atataaaaaa agggaaaggc cgagccaca gaaacccaaa ggccgcacag gggggccggg 240
 gcggggaac ggggaccag gaagccagga aaaagaggga acaaaaaaaa gggagacgga 300
 ggagggaaaa ccagggaacc accgcccga gcaggcggg gcgaaggggg ggaggcaagg 360
 ggagggacag aggaactaaa aaaagg 386

<210> 8652
 <211> 159
 <212> DNA

<213> Homo sapiens

<400> 8652
gtacaaattt agtaatttat ttgtaaattc tgcacagaata ctttctagct gctttgtaat 60
tttttaagag tgttattttt tttttgtttt tctgttcttt gttgtggctc ttgttttcat 120
ttttgttgta cctcgccgcg gaccacgcta atcactagt 159

<210> 8653
<211> 274
<212> DNA
<213> Homo sapiens

<400> 8653
ctgatccatc acacatactg cgtgggtctg atataggggt agtttgcgt tgctgctcat 60
tgatatgcaa taaggaactt aaggaggcct tctgacagaa gtcactggct ctgttttctc 120
tgaatgagct gcaaagggtt acttgggtgg tggcgagaaac tacatgacac agatgagagt 180
gtgattatgg gaaatgccct gaacagttct gagatgctat atatttggaa aggcgtgttg 240
gtttgagtgt gggaatatca aaggacacca ccag 274

<210> 8654
<211> 480
<212> DNA
<213> Homo sapiens

<400> 8654
gtacggctcg gagggccgct tcacgttcac ctcccacacg cccgggtgacc atcaaatctg 60
tctgcactcc aattctacca ggatggctct cttcgtgggt ggcaaatgc ggggtgcatct 120
cgacatccag gttggggagc atgccaacaa ctaccctgag attgctgcaa aagataagct 180
gacggagcta cagctccgcy cccgccagtt gcttgatcag gtggaacaga ttcagaagga 240
gcaggattac caaaggatc gtgaagagcg cttccgactg acgagcgaga gcaccaacca 300
gagggctcta tgggtgtcca ttgctcagac tgtcatctc atctcactg gcactctggca 360
gatcgctcac ctcaagagct tctttgagcg caagaagctg gtgtagtgc ctctttgtat 420
gacctttcc ttttacctca tttatttgggt acctcgcccg cgaccacgct aatcactagt 480

<210> 8655
<211> 316
<212> DNA
<213> Homo sapiens

<400> 8655
gcaccacgag tttgagaagg agatgggagt gtgatggatg ccaaacgaat attctagtgc 60
tccatcagct tgcgaggatg tacagaaccg gggaaactgag atactcatat ccatgttggg 120
ctgtaaaaag gctgtcaaaa ccataagatg cacgatggac aatatgctgt gggcctgggg 180

acacatactg aaagacgggg ggaggagggg aaggggaggg gggaatcgt tggtagcggg 240
 gggaaagtgg aagacagtga gaagacctag gccgcgacga cgctaatgac tagggaatta 300
 gcgggcgact gggagc 316

<210> 8656
 <211> 514
 <212> DNA
 <213> Homo sapiens

<400> 8656
 gcgtgctcaa gctttttctc ctttctatgt ttttttatgt atttatcctt gcogtgtgta 60
 gcatgtgact ttaaaaaaa ccaacattat ccacaaggga taggcacatg aagggggaga 120
 tgggtggttga aaagatgttg acctagaaaa taaggcctag cacacagtca ctgaaagact 180
 attggatagt acagagggga catgaaagac ggaagtgtgt ggagaacatt gacagaccaa 240
 aagttgaagg gggaaagaaa aacacaagac ggccatgtca ccgaatgttg tggagtgggg 300
 ggggggaggc gctcgggcaa cagacaggcc atataacaga cgatctacag agagggcaca 360
 gggacagggg gcacggtgaa gcaggagcca gggaggtgga aagcgacatg gccgggaatg 420
 gggagagcca aatattgtga tctacagata gtgcacctct gatggcgaga gaccatgcac 480
 ctgaagctct gtatgtataa tggacggccc aaac 514

<210> 8657
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 8657
 tacaagcttt tttttttttt tttttttttt tttttggtaa tggctctttt attgaaaaaa 60
 aaaaaaaaa aaataacatt tacaacatgg gaagggaagta aactgtaatt tctttgaaca 120
 acaatgggtgg tgggtggggg gaaaaccaca acccacaacc acttcgccgg ctccaatgta 180
 tgggataaaa aggt 194

<210> 8658
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8658
 ggtactcgtg cgcccggett cgtttttctc cgacgccgt ctgacaaacc ggtatggetg 60
 atatcgacat attcgataag gtgaaactga agaaaaacag agacgcaaga aaaaaatata 120
 ctggcttcca aaaaaacgaa tgaacaggag aaacaagcaa gc 162

<210> 8659
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 8659
 gaggcgaaac tttttgcttc tattcatcta caatgtatct ttccatgtaa atcccatatc 60
 ttgatgctgg ggtcctgtga gcagcacaca gccagtatcg gatagggctg aaaccaaggc 120
 gttgatgatg tgcacacccat gtatcgtgtg aaggtagag actttgggtg aatccgatat 180
 catggtatga tcatccgtgc ctccacacac acagatggat ccatctggat atacaaccac 240
 cg 242

<210> 8660
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 8660
 tcatataaaa cagcaaaata aaatagtcgt gggcacaggc cagtgtattct gcagtttagag 60
 ccgtgtggac tcggtccccc atctccggtg agggcgctct ctgcacacgg caccatgct 120
 tcaggctcga cacacgtgcc gtggacccaa gttcaccttt ggaggtgtca atccccccaa 180
 gaagatgttg ctaacttga gtttggggcc taggctttca tcagagtctt cccacagaa 240
 agcgaaatgg gaatgggtcc ttaataagct acgggccttt gttcacagca 290

<210> 8661
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8661
 ttgaaaggc ttgtttaggg tttaaagac tgggtgttcc tgattgttta ttggtcccat 60
 ggtgttttct gtgttaacct gggaaaggca gccttaatta ctaaaaaaa gaaaaaaaaa 120
 aaaaagaaaa attatgtgtg agattttttt taaagtggg ga 162

<210> 8662
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8662
 gactctgggg tgatgaatgg ggagaggaga gaaagtgaat cactatatca ttctatacat 60
 aagaatcagt ccagggtgat taacaatttt aatatgatag agaaaatata tatactttag 120
 aagatatagg aaaagtatgt gtatgcctct aggggtggga ag 162

<210> 8663

<211> 258
 <212> DNA
 <213> Homo sapiens

<400> 8663
 gggtttttaaatt ttggaaatctt aaaattttttt tccaacaatc ttttgggagg gtggacctgg 60
 gttttttctt ttaggttttg gtcctctctgt ttttttatct tttttctttt tggaatttta 120
 tttttatttg tttttgggtc attttttatg gttatatagg ggggggggtg agagaaataa 180
 cggagaacgt gggtagcaaa gccggtgtta aaagatggga aaagagtgtg gggcaccaaa 240
 aacctgtgtc cctcaagt 258

<210> 8664
 <211> 482
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(482)
 <223> n = A, C, T or G

<400> 8664
 taaaattata ctggtggcgg tttctgtcta tgtgggggat gttctcctt attaccagtt 60
 acatctctct cagagctacc cgaaaaaccc tctcaggaag gacaccacga gtggtctaca 120
 aatggtttct tttgatctac aaactcagct atgcatttgg tgttgggggt tacttggcga 180
 tcatgtttac aatgtgtgga ttcaatctgt ttttcaaaat caaagctaga gattccatgg 240
 attttggcat tgtgtctttg ttctacggcc tctactatgg agtaatgggg agagacttta 300
 ccgagatctg ctcagactac atggccttca ctataggggt ctacagtgtc aggcggttgg 360
 ctacaaggag cttatcggac aatatctggg ccagttgggg gcagaagatc attggggagc 420
 gtgatgaaga aagggtcatg aaaacatcta tcagcgttct tggtatcttg tcttcattga 480
 tt 482

<210> 8665
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8665
 tgaaaaggat agtgggggtg gggaaggagc aaaggaaagg aatatatggt gaggttaaaa 60
 tgaagaaaaa gagtaaggca aagaagatg tgagatttat attttgatgg ggaatggttg 120
 gaggggttgag gtgggaatta atttggaag aaaaatagat gt 162

<210> 8666

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<211> 578
<212> DNA
<213> Homo sapiens

<400> 8666
ataataaaaa caatgaaaat aacagtatgt aaataatggt atgtaaaaaat ctaacaatca      60
cgtgaaattg aagaatttgg catgtaaaat gaataatact gtcttccccc aagaagttta      120
gcaccaaact ggctctggtg ctgagataag gaattccagg ccagggttac atcgcaactc      180
agtcctcaaa agcctctctg tgcagaatga gaaggcacia gcataatata ccatatttgtt      240
ttcaccttcc atctctctca atcaaatctt acttctcatt ttaggaagta tatagtccaa      300
aatgggcttt taattactct ttgatccttc cccccaccc tgccttttcc ttctctagca      360
aggaaatgac aatgagtgtg gcctatagac aagggttaatt acagatacac cagtgggctg      420
tgctgcccag gataaggggg gagagctcaa agctgggtcag tgtgtgtgct cctctctcca      480
cttagctgtc attccaccct gtgcttttct acttcctctt tacaaggggc aacaggggcg      540
ggggagcccc acggcacgtc caaggcatag gttaatga      578

<210> 8667
<211> 162
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(162)
<223> n = A, C, T or G

<400> 8667
gcccagctct gggaaactgaa ttangaaact caaatcgaat aggggaagcaa aaaaaacaaa      60
acaaaaaaaa caaaaaaaaa caaaaaaaaa aaaccctatt ttaaatggaa agggagctta      120
aaaaaaaaatt ttttaaggga ggggaagaaag ggagaaaatt tt      162

<210> 8668
<211> 162
<212> DNA
<213> Homo sapiens

<400> 8668
actttgtgat atctcatagg gcatactggt ctttcacat ttgcgcccca ctttttgccc      60
atatttccca agctcccccc ctacagcacc ttccatgtgc tcgtgccttc atccagcacc      120
tgctcccaaa tgtattccgt ggtagcaggt gatgtaaac ac      162

<210> 8669
<211> 210
<212> DNA

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<213> Homo sapiens

<400> 8669

gtatagagag gagagaggttt ttttgttta tagtagagag ggggtttcaa aggtgttaag 60

gaggatgggt tagatataat gaaatagtga tttggaatag taggaataca taagtgatgg 120

gaattaaggg gatgaggtgg agaagtatga gaaggattat tatttttaaat agaaaaaaga 180

aaaggaagag aaaagaggtg aggtgtgagg 210

<210> 8670

<211> 562

<212> DNA

<213> Homo sapiens

<400> 8670

gagcggcgc cttttttttt tttttttttt tttttttttt ttttttggcg tttoacctta 60

tttttttatg tttttattga gacggagttt cccctcttgt cgcccaggct ggagtgcagt 120

ggcacaaatct cggctcactg ccacctccgc ctgacagggt caagcgatcc tctccctca 180

gcctcccaag gagctgggat tacagctgca agatacaaac cctgtccctca cttacgtaca 240

attcatctct gacatgaagc agtctcccg ggctccgctg ctgttcgctc tgggattaaa 300

ttcgcgtagg cactggggag gcgggagctg ccttcgcaga tatttagcat atgaggatcg 360

aaggccagtg ggaaccgtga ggagacgcac aaccgtggtt tggggccagg ggctggggg 420

gattgcgagg gggggtcagc tgccaagaag gccaaaaata gccggacggg tgggggggga 480

ggcgggcaag gagaagaagc tgggcaatgg cggctggtag ttctgggtgc ttctccggt 540

cccttcaacc ccacctccac cg 562

<210> 8671

<211> 226

<212> DNA

<213> Homo sapiens

<400> 8671

cggcgcgcct tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60

tttttttttt tttttttttt tttttttttt ttttttaaaa aaaaaaggct ttaatttttt 120

ataatggatt caagccaaca aaggtgttca aaaaaaatc aaaaaggaaa aaaggcctaaa 180

atttaaaaaat agggggggaaa ttttcagttt gaaagggtaa aaggat 226

<210> 8672

<211> 226

<212> DNA

<213> Homo sapiens

<400> 8672

cctttttttg tttttttttt taaggatatg tttttattgc taccagaggg ttttatcttc 60

agtatcatg cggtgactgg caatacctgt gttcagactg cagagggagc tcaggatgca 120
gaagtcattg taagaaacat aaggctgggg aggggggggg agtaagtctt attagaaaat 180
gccaatagct taacaaacct gaggggtatta cattcagttt taccat 226

<210> 8673
<211> 338
<212> DNA
<213> Homo sapiens

<400> 8673
agcttttttt tttttttttt tttttttttg gattttattt taaagtttta ttaagaaaaa 60
aaaaaaaaatt aaatggggta ttcattggttt tggaaaaaga gaaaaaaaaa ggaaggggaa 120
caatcccata aggggaacatt attctttggg ttaataataa ttaattattg aaatgaaaac 180
taataacata acaagggaaa ttaaaaaaaa taaattaaga aaaaggaaaa gagaagggga 240
aaaggattct gaatatggga gaaatgtgtg ttatggaaaa agattcgggg ttcagggtta 300
tttcctggag aatttctggc tttgaagcgg ttaagtca 338

<210> 8674
<211> 258
<212> DNA
<213> Homo sapiens

<400> 8674
gaagggaacag atggactcat acactccacg atgtaagctg gactagtcca acttccaacg 60
tcgtataac gccatattgta tcttattgtc gtatatagtg gcaaatagaa tagacaacaa 120
gtgagaggta cgactaatag gggagaaaaa gaacacatat gtgataggtg atgagctctg 180
acatctgatg aaataggtga cgaacttcta ccatgaacaa aatgtgttgc cccacttcag 240
ataggttcat catcttag 258

<210> 8675
<211> 242
<212> DNA
<213> Homo sapiens

<400> 8675
tgattgtgga gttattcaat atataaaaag ggatattcga gatgacttga atgagctgtc 60
ttattattcg tgtactgaga tgaatgttca acgcataagt agtatatgag ttcatacaag 120
tgatggctga agtgctgtca cgagctaata tgggagagca aaaggagttc gatgggtgtt 180
cgagggtcga gagcatccga gttaatgggtg gtcctgcgcg ccagattcga attggaaata 240
tc 242

<210> 8676
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 8676
 gggtcctgac gccccaggatg ggagtttctg tgaaggcact ttcagataaa cattaatatt 60
 ttaatttgat tcaaaaagga aaatggaggg gctataaacc tgattttttt aattaattta 120
 ttttaaaaag tcaccaggga taataagttc ggacagttac ggaaatattt ttaccatata 180
 aaataaaaag ataattcaaa aaatttttta tgggaattga cgtccagaat ttaggtccat 240
 gttcactagc taaccactt agtaggggtg ggcgagcaca aactctacct tcccatttct 300
 aggcctgttc ctccctcctt aaggggggaa taaatattaa cagggtgggtg gtgaggttta 360
 attgagataa agatttatct actaaaaataa ctacagtata ctttatgggt atagtcaa 418

<210> 8677
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 8677
 gtacgggccca ggctcctaatt ctttgggatt cattggcaaa taatttaagt gtgggtgatt 60
 attaaataga caaaaggtaa gttgcaaggt tgaaggatca cttgataagt gagactgggt 120
 atgaacattg atgcgcttaa aagtgaagat gcttacagaa taaatgaaga cgacgtgtcc 180
 ttctttcttc cttctagatg ttcatgctgt ggcagtgtca gaggttctct catggatagg 240
 agatgggagc ggagtgat 258

<210> 8678
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 8678
 ggttcggggg ggaggaggta atcccttcat atttcaatgt tttctttttg cttatttttt 60
 gtattctggt gtatggcgta agtacagata atgcttcatc tgaatgggtc gtttttatat 120
 aatttttttt ttctcttat catcatgatt catttaacaa aatgtttcaa gcttactcag 180
 gtatgctata gtgtactaca gatgaatggt gggttaaata tagagg 226

<210> 8679
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 8679
 agcttttttt tttttttttt tttttttttt ctttttaagt tttcttttta aaacacacaa 60

aattcaattt ttttttcctt ttttttgcaa cagaaaaaaa gaattgaaat tggacctccc 120
 ccttagggaa actttttctt ttggttaact tattttaatt attgaaaata acacttatat 180
 aaataacagg gaca 194

<210> 8680
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8680
 ctctgctttg ctttctcttc ctttcttcgt acaacaccat gtatatgcag gtgaaagaga 60
 tgaccaagac tagtaggctg aattagaaat ttatgctgac tctatctaata aataattatg 120
 ttggtttatg tttatctcta ttaaatagtg cttttgggga at 162

<210> 8681
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8681
 gtgtacgcag gagtccctgc gttgttcagc tcctgtgctt gctgtatttt tgcactttct 60
 cacagaccta tatcatcaaa cgctcataac tactgtgcta ttgagtggta actttgctga 120
 tagggctgct caattcatgt atgatggaga taatgctcac gg 162

<210> 8682
 <211> 210
 <212> DNA
 <213> Homo sapiens

<400> 8682
 aaatatgaat gttaatatat aaagataaag tattgggaaa aagaattata attaaatgtc 60
 acatataaaa tggattgatg ggaagaaatg agaaacaggg taaagtataa aatggaagtg 120
 gatcaagaat aaaaaaaga gaattatgaa caaaaaagga aagaaatata tagtcgggat 180
 tacaagaaag aaatgaagtc aaataaaaaa 210

<210> 8683
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 8683
 gattatggaa attgaagtta tttaggggtt tttaaattaa ggaagtggg ggtatttttt 60
 tttagggaaa agaattattaa ttaaaaaaat agttgggttt tgtgtattta aaaagaatta 120
 aaaaggaatg gttataatta atattttatg gttagaaaag gtttagtggt ggggttttat 180
 aaataaagtg tgga 194

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<210> 8684
<211> 162
<212> DNA
<213> Homo sapiens

<400> 8684
ataagaggat aaaaaacttc gaaagtaaag acacagaaat gacgaagctg aaggctgaga      60
gtctcccttc tcacttactc catgtctttat ttagcattcc ctaaaccgggtg aggaggcgac      120
ggctgttatg gtgtgggaca aaaccagcca ccgggagatg at                          162

<210> 8685
<211> 226
<212> DNA
<213> Homo sapiens

<400> 8685
gtctctgtta gaggatgtga ctgtgtggat ggactatata tagagaagat ggggtgtctag      60
agcttagtgc taagagccta tgcgcgcaag agatatctca aattcatagt tagatgaaat      120
gcgaggaatg tgctgctatg attgacaaga ggagtagaaa tgatgtactc atcctcttct      180
acacgacata atgcaaaata ggatgacata gattgtggga atggat                          226

<210> 8686
<211> 546
<212> DNA
<213> Homo sapiens

<400> 8686
tattattatc gcactcgagt ctaagaggct gcactcaaag caataagctg tgtcaacggg      60
gtccgaggag ggtaatagtt gatcagagga cattgaaaat gaatcttgct gcttcatggg      120
atattaatat ctgaatagtc agacaactgt aatattatgg aataaacaca tcgtcaaata      180
tatcattaat atcataagga taggtacaca tggaaacgta tgtacctcgg acgatactga      240
ctgttatcac tattgtatcc ggagacgtgt gcgcgtcgac catatctgag agcgcggacg      300
gtgtaggatg catatgtaga ctatgtata ttgtcgtcta catagtggga catattcatg      360
gtcatagctg tcttctgtgt gatattgtta tctgttcaact atatcactcg acatacgagt      420
cgtaatcata gagtgcgtgt gtgtgagggt ctactgagtg agctaactca catatatggc      480
gtggcgctct ctgctggctt gcctgtcgtg actcctgatc tgagccagct gcattaatga      540
gtcgtc                                          546

<210> 8687
<211> 562
<212> DNA
<213> Homo sapiens

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<400> 8687
 tggccagatt acgaagcgca atgttgagat tgagaatttg tctatagaga gtacatatctc 60
 gtccagcacc atgatcactc tcatcaacga tgtttattga gaggatgggt gtccacctta 120
 tacaggctca tggacctata ataacgcttt ccaattctac acatacgtgt agacgaggta 180
 gtctatatac tcagaacatc tagcctgctc tgtatctaca gtgcagtgt aagtatatgt 240
 atatgtatga catagaattc catatcgaag aggtcgtgca agtacctgg tgctgatgct 300
 gtgggtgctg aggaatatcg gctgctaata cacgtatata tattgaattg tatcagatga 360
 tatgtccatc cagttgtgat catcactgtc gtaggaatgt tagatagaat attatatgtc 420
 atctctctat gactaggctt gtactcctgg tgcataggat actgctgtgt gtggtagctg 480
 tccgtcgga cgctcgacat cactagagaa tgcacggata gagtgtgaagt cgagcagatg 540
 gtagagatct gagcgcagtg ag 562

<210> 8688
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 8688
 tggggagcta tggagtctgg tatggctctt gagattccct gcttgagctg ggaaggggggt 60
 gggttctcgc taggtttaat tgtactgcaa cgtatcagag caggcgccac tagtcttaga 120
 gagccagagc gtcattctgt gtagccactc ggctcagacg tggttgtgtg gaagcgactg 180
 tggatgacac acaaaagtgt cagtgttgtg ttcctatgta actttattta tggatcttga 240
 attttgaata tatactgtac ctgaccgggc ggccgttcga catgactact gaattcgctg 300
 gggagtgtag gtcgactata tgtgagagtt agaaacgcgt tggatgaata atcgagtgtg 360
 tgatagtgtat ggctatatac cgtggagtac tcatggtagt ag 402

<210> 8689
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 8689
 aagctttttt tttttttttt tttttttttt tttttaagtt tttaaacttt ttatttgcatt 60
 attaaaaaaa tagggcattg caataattaa aatcgtttga acaaaaaaaa aaatgggact 120
 ctgattaaac tgcattacag cctggaggac accttggggc agctggggct taaccaagat 180
 ttcacggggc gcc 194

<210> 8690
 <211> 194

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<212> DNA
<213> Homo sapiens

<400> 8690
ggctgcggga cgtgatagac gattaaggta tgattgaata attatactga tatagtgtgt      60
aagatctctt agagagagct gtgtgaattat tcatctatat atttttacta actaacgtga      120
aagaaaggat gctggatgag cttgttctga gagtatctac ttgaggctgg gatgatactc      180
caaggggttg tgag                                          194

<210> 8691
<211> 162
<212> DNA
<213> Homo sapiens

<400> 8691
gcgggcccag gatatcatga ctagatttat atgtaaatatt tattattagg gaaagttaag      60
aaggaacaga agactagaaa agaagtaaaa actttgatga agagaggggt gtaagaacag      120
gatcaagaca cattaatgcc taataccaac aacgagcagt gg                                          162

<210> 8692
<211> 226
<212> DNA
<213> Homo sapiens

<400> 8692
aaagaagata caagctgacc tgaataaaat ttgtgcagga ggcgaagaaa ataagggtat      60
aattatttgg agaccatggg aacacgcaaa cattatgcag aaatctatgt tgtggataaa      120
agtataaatg attatgatgt taaaaaaatg gggattgaac ataaaggaca agtgtgtgtg      180
atgaaccaca gaggaagtaa aagcttaagc catgaaatta ctaaaa                                          226

<210> 8693
<211> 194
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(194)
<223> n = A, C, T or G

<400> 8693
ccgcgggccca ggctactaag gtgcaagtat atgtaaattg ttttgatacc tttanagtga      60
agggagcctt ttgagaaaag ttgtgtggagt gcatcgtatc ataaagcggg taggtagtac      120
atgtaggcag taaatattat ttaaaaaatg ggatagtata ctgtgaagtt ggttggtcta      180
gaaataccag tttc                                          194

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<210> 8694
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 8694
 cacctgccga ttgcctatgc ccatgtgcct gcccttccgg gggacaacagg ggtcggtggg 60
 ggatgacggc gatggaacgg acgcacagaa cgctagccga tgatcataac atcggtgatg 120
 agaaaaatga tatgcatgac aggagtagag gttggcgatt gtattaggat cattgagatc 180
 aaaccacatc acccatgtgc cacactgccg cgactcataa aggggtgttg tatgtggatg 240
 gt 242

<210> 8695
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 8695
 ccatgtctatt tgattttcct catttcaact gttttgtatg aaaatcttaa tacctatgta 60
 tatggtccta actataggcc gcacatttct ttataaattc ctgttgagga gagaggggag 120
 ggaaatttat gtgaatacct ggtgaccttc cttgactttc caggtttctc gatgtcattc 180
 attgattatg ttctccttca ttatttttat actaaactaa aaattgagta ttggagagaag 240
 gttttatagt atttattgat gaatatatat agcatatcaa aatttttggg tttaaaaact 300
 gagtaaatatt aaagactata agcaaacaaa atttatagaa ccggtcatta agtaattgct 360
 taaaacatgg agccattac tctaaccttt ataaaaatta ac 402

<210> 8696
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 8696
 gagtacaagc tttttttttt tttttttttt ttttgtattt tattttaaag tattattatg 60
 aaaacacaca aaatcaaaga gttatccatg gatttgcaac agcagagaaa cagtgcacaag 120
 agagaccatc acccataagg ggggaacact atcccttttg cgtaactta atataaata 180
 attgggaat gatcaccta aatatcaata gacacgggca cataaaaaaa aagattaaaa 240
 ttaaagaaaa agggaccagg aaactggcgg gaga 274

<210> 8697
 <211> 770
 <212> DNA
 <213> Homo sapiens

<400> 8697
 ggtttttttt tttttttttt ttttttggtt ttgaaccttt aataaaagta aaaaatgaat 60
 gcaaaaagaa cacaatgttg aaaacttagt atgaatgtga acctcactag atgttcaaat 120
 ctggttagagt gcaaattttg ttcatactat ttacattttt tacaactca aatcactttg 180
 gttcatatat tttctataaa ctattggcaa aaaaatcctc aaatttacat tcttttggtc 240
 acattatttc taacagatat agatttactt cgggtttcgg agagaagac ttattgtgtg 300
 tgcgtgatca agtctgtttt aaagattcac tcgctgcttt catcataaa cttctgggtt 360
 ttcataaaat gotgacatct tcattggaaa tttttttcat gtaactggtt tcattttcag 420
 aaaatatata aggggggtcat tccaaagttc agaatgatcc tattttttta aaaacaaaa 480
 ttctgttaa acaaatatac tccaggaact taaaatttac tccaagacat ttcctcaaa 540
 acaagcaaa aaacccagc aaagatcggg acatcacaaa acaaacaca aagaccagcg 600
 ctacaggga agttcctctt agcttcatt ctgctgactg ggggcttcca tttaaaaaga 660
 ggcttttaat caagccactt tcacagaatt taaaacaaaa caaacacatg ttaattgcaa 720
 aaaaacaaaa aggaaaatta ttagaaaaaa agaacaaaac ccaaaaaacy 770

<210> 8698
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 8698
 tagcctcagc ggggaccctc agcacatgaa tacttctcta ttcttgcccc cctcccttgg 60
 cccttctgcc tctcttcact gccatacaat tgtgtgaagg atgtagggaa gtggaaggaa 120
 ttaataaaag aaggaaccag cggtgaaggc ccccccgccc cccacagact aggtcggc 178

<210> 8699
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 8699
 aacactatgc attacataca cacaacaca caccacagtc ataaagccct aatgatgtgc 60
 tgattacagg tcaatattca ggtgagcatt ctttattaat ttatcaaatg aaaagctttt 120
 tgctacctct gccattcatg aaagacagct atggaaaaaa ggaacctggt accaatat 178

<210> 8700
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 8700
 tggctggact gcagtagcgc ggataaaaca gggaaacgta aaaagtaac agatgactgt 60

tatcgagatg gagagcatac cagtaaaggt agcactgact gcaatatttg taatataaat	120
ctaaagttta tatgttaatg aatatcaata tatatatggg gtatatataa ttacactaat	180
cagtgacaga agcacttata atagcgactt ctgagtaatg aagaagagaa atgatgaata	240
tatgtattat ctatagggcc tatatacggt gactgcctca ctatgatcct atgggttggtg	300
agtaattatg caaggctgtg tgaatgcaca gctgtatctg aaggggcaac tacgcagtgc	360
tgcctaagca	370

<210> 8701
 <211> 209
 <212> DNA
 <213> Homo sapiens

<400> 8701 gcccgaggga tgagcatgag cataaaggaa gtgtggtagg acagatcaaa gggaaagtaca	60
tggaatgtac gaggtttttc aattaggaat caaaaaagaa acgaggagac ttcgaaaaagc	120
tgactaatta ttagggaact gacttggtg ctgtaagcaa agctatacat gatctgatac	180
aagagatggg cggactggcg ttgcatgt	209

<210> 8702
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 8702 tgattacaaa gctgtatgtc atggggccaac tatgcaataa acctaaacta gagctatggg	60
ctgtgagtgg atttcacttg atgataccat gaagactgat ttatgatgtg atactatcca	120
ttcttctgtc ggtatgaagt tatgcatgac aaaatgatgg agtgcttaaa tgggatgtca	180
tatggacaaa gaccgtgtga agtgaccctg atgatacgat atcatttcag gataactaat	240
gactggcagg ttgcaaggat tgttgacgac tgggactgga catgcgcgga taggtgattg	300
ctcacggaca tgctcgagaa aa	322

<210> 8703
 <211> 578
 <212> DNA
 <213> Homo sapiens

<400> 8703 atcttggtga gaattctcagc aaaccaccaa gtgatcctga ggctaaccct gaagtttcag	60
agagaaagct gccaaactgag gaagagcctg cacctgtggt ggaacaatca gggaaaagga	120
agtcaaaaac caaaactatt gtggagccac cgaggaaaag gcagacaaag accaaaaata	180
tagtggaagcc accaaggaaa aggcagacaa agaccaaaaa tatagtggag ccactgagga	240

agaggaaggc gaaaacaaa aatgtatctg tgacacctgg acataagaag cgtgggcctt	300
caaagaagaa acccgggtga gcaaaagttg aaaaacgcaa gactaggact cctaaatgca	360
aagtccctgg atgtttcttg caagaccttg aaaagtcaaa gaaatactct ggaaaaaatt	420
taaagcgaaa taaggatgaa ttggttcaga gaatctacga cctgtttaac agatccgtct	480
gtgataaaaa gctgccagag aaactacgca taggctggaa taacaagatg gtgaaaactg	540
gtggcttatg cagcactggg gaggagaggg gggcccg	578

<210> 8704

<211> 354

<212> DNA

<213> Homo sapiens

<400> 8704

aactggtgct gaagataatg acatcagcaa ccgagactaa ggcaatacgt cattgacacc	60
aatacaatga gcctgtgtgt gatgggtctg ttcgtgctag tgctcgattt tggattttga	120
tctctatcag tatcattggg cttggactct gacactgcca gcggctgctg ttacactgat	180
agggagagga atcggactgg ggaggtagag gacaatgaca acgagaacat cagctcctgc	240
tcacaggcgg ctgtggttaag caaagaaggc cacgctgtac gcaactgtacc ctgcgagcag	300
ggagtctcgc agggggcgcc tgggcggtct actcatgaat ctgaggtcga ttgt	354

<210> 8705

<211> 226

<212> DNA

<213> Homo sapiens

<400> 8705

tggtattcgt aataaaattt tgatctctaa gaagattaaa agaagtaggg aagcgtgatg	60
ttagaagcga tggcgatttt ctggtaagcg gtctatggtc tgttttatta taaactagga	120
aaagaacata acagctcaca ggacccaact tattgatgaa atgaactgga gtgctgacag	180
atactaggga tagaaataga tgaagaaggg acggaacaaa ttacta	226

<210> 8706

<211> 498

<212> DNA

<213> Homo sapiens

<400> 8706

agcatcacgc gcagatatgc accatgcaat gcccgagtga agcactgcct gaggacaaag	60
agggcttgaa tgtcaggagt gtgtgatgga aggatggagc gcgcggctgc gaagatgctg	120
acagatggac agaccacca gaggaatgag gaggctgcaa tggatcaagag agtatccgga	180
acgatccagg gcgaagaac gccggctatg catctgcatt ggagtggcac aggggtcaca	240

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ttgcatgcga gagacgggtga gcgtggggag aaataagatc gccgtactgg aaagatgctg      300
gaagagggccc ggaaccatga gaagtctggt gaggctgcaa tggtagatgt ggatcatggc      360
tagtccatgt gagctgagta gttaatcaga ctaggcacat cggggtcgca actgctgtgc      420
gtgatatgac acagacagtt gctgtgggcg tactgaatga tgaggacaaa gaagcggatg      480
gccctgataa agaaagga                                     498

```

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<210> 8707
<211> 226
<212> DNA
<213> Homo sapiens

```

```

<400> 8707
tgtacacggg ggtgtcttgc gcatgtccat cgggaggtag ggggactggg tggtagcgcg      60
agttatacac gatgaaggcg aactggacac gttaatgtgc ttggacccca tgccgatcgc      120
gacatacggg ctgctgggag gagggaaaac gcgatgatgg ggcaggatga aggggcaaaa      180
atagggggcgt ggtgagcaga aaataactgc tggccttatt ttatgt                      226

```

```

<210> 8708
<211> 498
<212> DNA
<213> Homo sapiens

```

```

<400> 8708
tttttttttt tttttttttt tttttttttt gggtttgaac ctttaataaa agtaaaaaaat      60
gaatggaaaa agaacacaat ggtgaaaact tagtatgaat gtgaacctca ctagatgttc      120
aaatctggta gagtgcgaat tttggtcata ctattttaca tttttacaaa ctcaaatcac      180
tttgggtcat atattttcta taaactattg gcaaaaaaat cctcaaatatt acattctttt      240
ggctacatta tttctaacag atatagattt acttcgggtt tcggagagaa agacttattg      300
tgtgtgogtg atcaagtctg gtttaagat tcactogctg ctttcatcta ataacttctg      360
gtttttcata aaatgctgac atgttcaatg gaaatttttg tcaaggaact ggtttcattt      420
tcagaaaata tataaagggg gcaatccaaa gtccagaaag atgctattgt tttaaaaaac      480
aaaaatcctg taataaaca                                     498

```

```

<210> 8709
<211> 162
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)..(162)
<223> n = A, C, T or G

```

```

<400> 8709
cgagagatga cgttccaaga catctgagca nccccgggg ctatacaacc atgtaaccaa      60
agcctcacc cttcccgag ttggaaaaaa atttatggaa caagaaaagt tatcatttga      120
aatttaaaag ggtgggcaga acattggtcc caaggaaata tt                          162

```

```

<210> 8710
<211> 194
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(194)
<223> n = A, C, T or G

```

```

<400> 8710
tgaagactag ataggagtgg naagactgga cgtatgctct gaaggagcat aggagacata      60
agtaaaagcg ggcagtaaac tgctgtctga tgattatgag accatgggaa aaagcatgag      120
acagggtaaa catagtaatg ggcattgtac aagccactga cgtatgcctg cactattgta      180
cagcaccttt cacc                                              194

```

```

<210> 8711
<211> 162
<212> DNA
<213> Homo sapiens

```

```

<400> 8711
tctttttgtt ttatttatgt tgtattgtaa gatgtcaaag agtaatacgc aaggcacaaa      60
agatcatatt gttagcttgt atggttgaca gagacagtga atattatcaa ggaacatca      120
catctgaagg acttagcatt gcaacacaca atttataaga ac                          162

```

```

<210> 8712
<211> 210
<212> DNA
<213> Homo sapiens

```

```

<400> 8712
gctggtgtgt tatttatattg tggtagattt agaggaaaag acggtaggga gccatatatg      60
acgaagaggg taagaaggca catgtagtaa gaagaataac aagtgcacgc ccacagtggg      120
tcagtggcgc aagataacgc gagatcatta actgacatgg taacaatctg gtacatatca      180
ctgtgtatac atggagagaa actgacgtga                          210

```

```

<210> 8713
<211> 178

```

```

<212> DNA
<213> Homo sapiens

<400> 8713
cggttgtgct gttattttta tttttgtgta ttttaagaat gcaaatatct gttaaagcga      60
gcaatatatg atcaaagaag gcgaacgaat ggtaggggca ggaggtagaa tcaacaaggaa      120
ccactgccac ttgggggatca gtggcgcaag gtaacggagc tagattaacc tgatatgg      178

<210> 8714
<211> 194
<212> DNA
<213> Homo sapiens

<400> 8714
ggtagggcggtt tattttcttta atgttagggt taagaggaaa gtactggga tagaaggcat      60
gcataatata gaaggctatg aatgctatgg caagaagaag ggataatacg tgcgcgtgcc      120
acatgggtgt taggggtaga agataaccgt gagcagaact gtatggtata gttggtccat      180
agtcctgctta tttag      194

<210> 8715
<211> 514
<212> DNA
<213> Homo sapiens

<400> 8715
caagcccccg cgcacccac ctccaccccc ccccaaaagg aaaaacaaca aggaagaacg      60
taccaggcca gggccaccac aaaaggggag catcaaccga gccacagagc gggcaaagg      120
aaacgagcgg ggcgggggga gacggacagg gcgccagaca caccaccagc agagcacagc      180
agacggggcg aagccgggcc cggggggccg cctggacacg cccccgggc gcaggacccc      240
cgcgccatgc ccccgacccc gcccgccacc cagcggcccg gcggaccagc acagaccccc      300
aggccacggc ggggaacaaa accagcaca ccccgagga ggcagaccca caccacggcc      360
cccaaggagc cccccggca ggcgcgggcc cgcacccgc caaccggcag cccgcgggca      420
gcgagggtcc aacaggcccc ccacgcgac acccaccccc tacaccccc accaagcacg      480
cagcgaaaaa acacacgcca agggagggca agcc      514

<210> 8716
<211> 306
<212> DNA
<213> Homo sapiens

<400> 8716
ccctttcttt tttttttttt tttttttttt tttttttttt tttttttttt      60
ttaaaaaaaa attaaaaacc aatgaaattt attgggttac agggaataac cgggcacaaa      120

```

atgggtggaaa aagggggttaa aacaagttaa cattaaaaat acaacaact acgggggggtg	180
acaaatttgg aagcggggggg tacttaaaaa aacggcatcg aaaaacaac cactaaaaat	240
tcgcgaaatc aaaaaataa cttctttctt ctttaaaaaa ggagggggaa gaagtcgttg	300
ggttat	306

<210> 8717
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 8717 aggtacaag gctctttttt tttctttttt tttttttttt tttttaccg tttaaaaata	60
acatttttta ttattttccc aggcccgatc cacagccctg aaacaaaagc attctgatac	120
acatttgta gtgctggggg gtttggttgc catgactgcc tacacaggcg cgatgaacag	180
ccaccccggt ttgg	194

<210> 8718
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 8718 tgggcaaaact gactgggtgat ggcaagagtg gtgtctatga agacggacta cacagcatgg	60
cacatacaat aaacactgcg agactctatg cgattacctg gctactacac acatttatac	120
ccaacataac ttcataaatt gatgccacca tgtgcaataa actgcgcgtg ctggtgctca	180
gaggaacacc aggcgctgca acctgcagct ctatcaggac gccagactc cgccattagg	240
gg	242

<210> 8719
 <211> 466
 <212> DNA
 <213> Homo sapiens

<400> 8719 tgctatcaca aatattctac ttgtaactat tcaactgcat cgctgacata acatgggtga	60
acgattggga taatggcact aagcactagg tgtagatatg attatgacta taatacatgg	120
gtaaagggtc tgataataaa acaaaactcta ccatactaga tacactgagt caatgtatat	180
ataatgtggg atacgataat gaactcaca ctaatatggc agggacacat atatgaaaca	240
caatatatcc tgtatttgcg atataagcat cattataaga tcataagtag attgtgcgaa	300
gaatcctatg tatgccggac tgttttatcc tgaccacaac catatgactt gtcccagttg	360
atccgggaga agagatatga atgacatgta gccggactga gcctacacag ttacaccccc	420

gatatgaagg gaacgaaaat acatcttatt gcataagctc cagcag 466

<210> 8720

<211> 450

<212> DNA

<213> Homo sapiens

<400> 8720

tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60

tttttttttt tttttattta aaagttttat tataaaaaa cagggaataa aggggggaat 120

ccaggttttg ggaacagaaa aaaaaaaggg aaaggggacc ctcccatag gggacactta 180

tccttggggt aaactaaaa aaaaaaggga aaaaacacca aaacaaaaaa aaaagaccaa 240

aaaaaaata aatttaaaaa aaaaaacagg aacgggggga gggagaccgg ggtagggggg 300

aaagggggg aagggaaaaa catcaaggct aggggggcct cccctgaaa attcggggct 360

tggggaagtc aaggtcgggt gcagggacaa acccgtgcc gcgccgcgg ggggagggga 420

ggggaagggg gggggggggc ggggtgaggg 450

<210> 8721

<211> 210

<212> DNA

<213> Homo sapiens

<400> 8721

tgcaaatgaa tgaaaatggt ttaaaataga cacaagacat gggccaacat acgttctact 60

gacgatgcag aggaactggg accctaccca gctggactgg gaatgggagg ggtgccgcca 120

tgctggaag tggcgcgga gtggccttag atgccaagta catccttacc atgacataca 180

ccaacgccac tgatgagatg tgcacgaagg 210

<210> 8722

<211> 354

<212> DNA

<213> Homo sapiens

<400> 8722

acaagctttt tttttttttt tttttttttt tttgctcaca ttttaatttt attttgattt 60

tttttaattg tgcacaacac aatatttatt tcatttggtt ctatttattc attttatattg 120

tttggtgctg gtggtttatt tatttttact gaaagtgaga ggggaactttt gggggctttt 180

ttcctttttc tgtaggcggg ctttaagcttt ctaaatgttg aacatctaag caagctgaag 240

gggaagggg ggttcgcaaa aacactcggg ggaagggaag gggggctttg ttaatcatgc 300

cctatggggg gtgagtaact ggttggggcc tgccgggggg gcgggggggg gcgg 354

<210> 8723

<211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8723
 gttggcccg taggttacta gtctagtgtc ttcagtatgt aactactgtg acctcatgct 60
 ggtcaagggc ctaagtttaa cttagcaacta tgtattccag taaaatcaga tgtaaagtat 120
 actactttgg tactaggtac ctaagtaggt cactttcact tg 162

<210> 8724
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 8724
 gctgcagtga catgagacag aacagcgcgg agggcgccac aaaagcagcg gacaagaaaag 60
 ccgcaggagc aggcaaggcc accaagccag ccagaaaagc ccagaaggcc aaacgaacac 120
 caccctaaac accagccacc ccacacacaa acagcggagg aagaacggtc tcagaaccgc 180
 aagcatcaac cggccataca agaagagcag caaaagacag gacaacgaca acaacgcatac 240
 gcaaaacccc cagaaggaaa ggagaacgcc gcgaggacca ccccggaac cccactcgcg 300
 tgcggcagca taaagccaca agtaacccaa accagtacgc tgcggggact gcaa 354

<210> 8725
 <211> 578
 <212> DNA
 <213> Homo sapiens

<400> 8725
 ctggtctttt tgtatggttt tgtgatgtaa cgatctttgc tggggttttt tgctttgttg 60
 tgagggaaat gtcttggagt aaatgttaag ttcttggagt taatgtgttt tacaggaatt 120
 ttgtttttta aaaaaatagg atcattctga actttggaat gacccctta tatatgatct 180
 gaaaatgaaa acagttacat gaaaaaata tccaatgaag atgtcagcat tttatgaaaa 240
 accaaaagt attagatgaa agcagcgagt gaatctttaa aacagacttg atcacgcaca 300
 cacaataagt ctttctctcc gaaacggaa gtgaatctat atctggtaga aataatgtag 360
 ccaaagaat gtataattga ggattttttt gccaatagtt tatagaaaat atatgaacca 420
 aagtgatatg agtttgtaaa aatgtaaaat agtatgaaca aaatttgcac tctaccacat 480
 ttgaacatct agtgaggggc acattcatat taaggtgtga acaatgtgtg tctttttgca 540
 ctcatTTTTT acgttttatt aaaagagcaa aaaacaaa 578

<210> 8726
 <211> 498
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)..(498)

<223> n = A, C, T or G

<400> 8726

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ctgatattgt gtagacgaaa agatgatctg caagatgata aagatctgga atatggccat      60
aaactgtaga anggtggtga agctgtcatt gctgatgatg ctgccgtcga gcacatgggt      120
gctgacgagc ccatatacta tgcaaccttg tgacactatg cagcttcgga tatgatacat      180
acacgtgatg tgagagacac aaaagcagtg gacgagatag cagcaggagg acggcaaggc      240
tgccggatct ggccaggaca ccaagaatgc tcaagaaca ttatacgcta tacgaatcac      300
atcactaata accacggcgc gaataacagt cacaggagtg agaactgcaa tagaacagtt      360
aggttcaata ggccaatata ggттаатgat aacaaagcgt cgtatgacca caatacagaa      420
aagaaaaatgc ataatgaac gataatgttt tgtggaccac gtgtggtagc tttaatgcac      480
gaggcagtaa tatcagat                                     498

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<210> 8727

<211> 162

<212> DNA

<213> Homo sapiens

<400> 8727

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aatgctcaac gcattacatt acatgaactc acccatgtga tggtagtaac tgtttctcat      60
cactaaaaca tggaagcgaa aatgagtgca gatgctgttt cgaggctcga acaccatccc      120
agcaatggta gccctgctg caatcttcga cttaataacc ca                                     162

```

<210> 8728

<211> 258

<212> DNA

<213> Homo sapiens

<400> 8728

```

gtagagtagg acagagacaa gaaaaatata atgcacacac acattggatg gttgtacttg      60
caaaactagct aataacacta gggaagaaca aaggatccaa aagcaggtgg agagcataaa      120
agaacacatg aatgggaagt cctgcaagag ctacatgaat atacgagatg actctataaa      180
agctgactaa tcattatgta tatgactgga atgatcaaca cacagaacta catgaaactc      240
atccattgta ggctgac                                     258

```

<210> 8729

<211> 194

<212> DNA

<213> Homo sapiens

<400> 8729

atgggatgta attgaataat gatggtaaaa gggtagatta ttggtgtgat tttgattgat	60
gttataatga ggaggtttgt ggataggagt gaataaagtg attggatgag tgggcgaaat	120
attatgagtt gatgatggga tatatggagg atggggataa gtggagagga gaagatggga	180
aagtggaggg aaaa	194

<210> 8730

<211> 402

<212> DNA

<213> Homo sapiens

<400> 8730

gtgcaccgag acgcgcggag gcagaggctc gggtcgctgc aagacacaac tacaccggta	60
gcaccaccga catgagccga agaaggcatc gtgactggac gtgtaagggg ggtaaacact	120
gcgtccacaa gaggatgtga aaactgcact aaacacaga tggcacgacc acgtgaaata	180
agatatgatg acggacactt atacaagcga caatggcaac tccgtgtact agcatcgaag	240
tgaggaagag acgtatgtat gaacaagaca gtgctggtag gacggactga gactgaacag	300
acatatcat actatctcca agggcgatga cgacaagaaa cagggagaat gagatatgac	360
ttagttaact ggacagaagg gggaaaacaa gtatatggtc gg	402

<210> 8731

<211> 498

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)..(498)

<223> n = A, C, G or T

<400> 8731

tacactaaat acaaaagtac aagggtgtct gtgtgctatg ctactacaa caaaccttc	60
acctaaaaaa caaatggaag aaaagagaa acagctgcaa atagttaaaa gcactatagt	120
aacacataac aaaatgtgag agatgagaga atagaagag tagaaaaat aactacttgc	180
tgtgaaccta tggtagttac gctctgtcag tctgtagcat acataccata ccatataaac	240
acagcacaag agtaagacaa caacacatgg tgaagctaga ctatgtgcag gatacatgat	300
gcgtgataac atctgcaaca tgagacaaac gtagaagaga actgaggcaa taaataaaag	360
tgatacctat agacggatag agtgatataa cgttgggaca ctgggtggaa gcgcgggata	420
ggagcgggat gtgcataact gctgagcaca ctaatatgaa ttagttaaag ggaccacgtc	480

cagggtagat gactgnag 498

<210> 8732

<211> 178

<212> DNA

<213> Homo sapiens

<400> 8732

ctgtagttta agatgttaga caccagactc tcacgcttga tccaaacatc ttactcaac 60

cacacaaca atgaggtaat atctgtgtgt aagtttcacc ttttgcatt taccttctcc 120

tctcggtaaa aatgtaaaga aaaaagtgtat tatgcttctc cttgctccac tgtaaata 178

<210> 8733

<211> 210

<212> DNA

<213> Homo sapiens

<400> 8733

tggtatatta gtgatagata tctattatag attgtgaatc aaaattatga atcttcagat 60

tgatgtggtt gtcgtgaata tgggtcagaa gatgtcgata agtagtagga ctgcaagttt 120

aggttactta tgctaggact gatgtttgtt tgaatatattg taagtgtctg gttattgaaa 180

gtgattgcct ttaatccaag acttatagtg 210

<210> 8734

<211> 338

<212> DNA

<213> Homo sapiens

<400> 8734

aggtagttta tgaatatgcc agaatatgt tacataagca attataagac gtgcaagtat 60

ggaatggatt acctcgtctc cgctcaaaaa cactgatctc tgaaggaaga tggatttata 120

tggtgatatg caagtctgat cataagggtc attgtgagat gatggggaac atgtaactta 180

gttatagagc taagaggagt tattgtgcag tgtggagtag tcaagcttct tcatctagat 240

gtactcagtc atctggctac ctccgtgcgt gaaccaatct aattattaat ggattagcgg 300

ccgtctggag gtcgatcata taggagaagt ccgtgcgc 338

<210> 8735

<211> 210

<212> DNA

<213> Homo sapiens

<400> 8735

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tttaagtgta atttattgtt atttaataat gtccctggaga taactttggg gtataagatt 120

ccaattttta tgtaattacc tactattatt tttgtgttgt cgttttggaa agaaagataa 180

tgattcctgg gggcttgggg aaatattaat 210

<210> 8736

<211> 258

<212> DNA

<213> Homo sapiens

<400> 8736

tacagctttt tttttttttt tttttttttt tggttttaag ttttattatt gaaaaaacia 60

aaattcaatg gtttattcat gtttttggca aaagaaaaaa acaggggacg ggggaccttc 120

ccctaaggga aaattattct ttgggttaaa ttatattaat tatgggaatt gaaacttatt 180

aaattaaccg ggaaattaaa aagaattaat taagaaaaag ggaaggaac gggggggaag 240

gggtcttgat ttgtggga 258

<210> 8737

<211> 370

<212> DNA

<213> Homo sapiens

<400> 8737

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gtgtggggag cgggatgatg ttcaatctca caacttttgg aaatgcttct tgggtgctgc 120

agccgttggt gatctttatc ttatttaaat gcactgtatt gtgcagaggt ctggctctgc 180

gtgtgtgtgac cattatttat atctggatat ccctaagata ggtggacagg tgtgcgtgtg 240

gtggcggtcg ctctatctct gtgtggatt atacgtcgga tgcagatgag atatatgggt 300

gtgctcataa tgcgttggat gcataacatg agtattatat aatgtaaaca aaatagcttg 360

gggtcggtat 370

<210> 8738

<211> 386

<212> DNA

<213> Homo sapiens

<400> 8738

actgcacact gatctgtaac tcacgcgatg ttgttatttt gttttatctt cataccaggt 60

catattattct ttatgaacag actgggtgat ctactaaaaa atatatattat ttctgagagc 120

tatgtttttg gctgggagga gtgatatctc ttcatactta aatgttttat tatatgctta 180

attattgtat tctgggtgtt tgggtgtatg tacttgctgc gagtggtgac tgagatgtca 240

ctactgggtg cgccgctgca tgtcagtcga acatatggga gagcttgcaa gtcgtcggtt 300

ggatagctct actattctat agtgtgaata taatagctgt ctataatcgt ggtcttaatt 360

gtttgctggt gtgatattgt tttcct 386

<210> 8739
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 8739
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 actcatgaga gaaactgacg agtttaattct gaatctccta gttctttgga gatggagatg 120
 aatcgtgaat acagctgaga tctagtagat attattaggt agcaaatgaa attgtagttg 180
 gtgtgtgttg gaatgtctata ataactcttg ttctccgtgt ctcagttgaa atctttacac 240
 aaattataag gctggggtg 258

<210> 8740
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 8740
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 acgggtatata ccggccgtat cttcatgatg gctaaggaaa gttatttgag gaatatcgag 120
 catgaacgtg tgttttgttg gggagatact gtaccattga gtgtatttta ctgacgcggc 180
 tgtgttctga tgaaagtggg tgggtattta cgtcttgga aagtgtttgt ctttcaatct 240
 gatgtgttc cagctcatat gtgcgaggtg ttgtgctatg tgttcattat cagaatgggg 300
 gtttccatat gccatatctg acgtgggtggt cgtgtctatat caatgaatgt gtcgcagctg 360
 aatgacacgt tgaaaatatt ggagag 386

<210> 8741
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 8741
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 tgagtaacat gaatgcttct gtatgaaaca gttgttatat atactctaga tttatatact 120
 aacattctgg tttggctatt tatgtgatat tgatggtgtt atatattata gtattatgtg 180
 ttcatccat aaattttatg aatataaatt cattgatctt tgtctctat ggtgatgggtg 240
 ggtgactagt gtttggatgg agtctaatat taaatgattg tagcgattga ttatgtatgg 300
 aattaatata tatctcatat aagacgcaaa aaaaacaagg aaagaataat accaaatgta 360
 gtggaggaag agggaggaggaa cgaaag 386

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<210> 8742
<211> 322
<212> DNA
<213> Homo sapiens

<400> 8742
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aaaattcaat ttttttatca atttttttgc aacatataaa aatcatggac gttgaacccat 120
cccaataggg aaatcttttc tttgggttaa attattttaa ttatgggaaa tgatattttat 180
tacaataaca aggaatttaa aaaaatataa ttaaaaaaaa gggataggaa ttggggaaag 240
gattctttat tttggaggaa ttgtgtctct tgtaaaagca tccgggttca ggcaaccttc 300
cttgaaaatt tctgttttct aa 322

<210> 8743
<211> 386
<212> DNA
<213> Homo sapiens

<400> 8743
taggtatcgt gtgtggcgct gacgtcctcc tctgaagcat gggatctctg atttgctagg 60
tcttggttgc ttcagttgcc tgattagtct ccgaggccgt gttagcagtc agtagatgtc 120
cgtactagat cctgtgaggt aggggtggtg gtactgggag atgagtagat agagatgcca 180
gtaacatggt gtcttcctaa acaagagagg tcgggaggta tegtgtgtgg ggaagtgagg 240
agtgggtcca gaaatatgtc agagagctgg tgttgagtga ctgatgggta taaagatgta 300
ggtgtaagac tcagggtgtc agtggggagg agcacgagcc tgagctcgtg gggagcatga 360
cgtgatgatc gtcgtaggag acgtta 386

<210> 8744
<211> 594
<212> DNA
<213> Homo sapiens

<400> 8744
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tatcatatat agataatttg aacatatgat ttactatcca ttgtgggttg atgtatagat 120
tgtcaactta tatttggaat gtaataagta tgtattcttc tgtaaatgct atgttctcct 180
ggtgttcacg tgacacatgg aatttgtgtc tgatgtgcca ttagagcggt gtctcatatt 240
gtccgcatat cttgatcgag gtagtgaatt ggatcgtatc ttttgattta taagtgttca 300
ttgtatgatt ctgtgagtta tacataccac ggatgggatg ttgcttatgt tggtgcctta 360
tttggtctgt gagattgagc gtttttatca catacatttg cctaatttgt cataatacaa 420
tggattagat gacacctctg tcgcgaacat tcttatctgt attgtattcg tgggtgactt 480

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cacgtcgaat atgtgggaga tctcctatcg cgatgagatg tgtagcttga tgttgctata 540
gcgggtcccta aatgggtcga cgtcatcatt atcatgggtg ttccagggt gtag 594

<210> 8745
<211> 514
<212> DNA
<213> Homo sapiens

<400> 8745
gcaggtaactg attatggagt caatgaatat atggaagggt cattcatgat atatgatgta 60
ggatgggtatg ttttcatatg gatcaacgta gaatcattca agttatgtat ggtatgctgt 120
gtatacaatg gctcatatag tgagatgata tctataaatg tatatgctga ataattattac 180
tttatgtttt tatgtacatt gtttgattag gtgaaataag tacataacgc atgggactctt 240
gcgtaggctgc gctgtctaga tggactctga cataaagtct tgttttcgga tagcatagat 300
tgatttagtg catctaatag gattatctga gacagtcagg ggatatagga ttcataaatc 360
atacttgtat ctagtcatat gcatgcttat ctacacaaaa gtagatatta tatatactta 420
tctgattgat gagatctctc atatctctcc catatttatt atgttggtata tcaatttatg 480
gattttttatc tggaatttga agatagcacg ttcg 514

<210> 8746
<211> 306
<212> DNA
<213> Homo sapiens

<400> 8746
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atctataata tggataaaag acatttatta aaaaaataa ttgtgtctg tgtatagaaa 120
agcagcttac aatgaatatg ttatcaataa atatctatgc ttagaaagtg caaccttctt 180
ggcttataa acaaaaagtg ggcattggtt atcctttgat aacttacggc caggggggttc 240
attaggaaat ccaccccatc atgatggaag tttggcggcc ccactctccg ttatggttaa 300
aaaaaa 306

<210> 8747
<211> 430
<212> DNA
<213> Homo sapiens

<400> 8747
aggagttcat cagcgggtcag tctgtggtgt ttgtggccat tgccttcac accatgatga 60
ttatctcgtt agcctggcta atattttact atatacagcg ttctctatat actggctctc 120
agattggaag tcagagccat agaaaagaaa ctaagaaagt tattggccag cttctacttc 180

atactgtaaa gcatggagaa aaggggaattg atgttgatgc tgaaaattgt gcagtggtga	240
ttgaaaattt caaagtaaa gatattatta gaattctgcc aatgcagcat atttttcata	300
gaatatgcat tgaccatgg cttgtggatc accgaacatg tccaatgtgt aaacttgatg	360
tcataaaagc cctaggatat gggggagagc ctggggatgt acctcggccg gcgacacgct	420
aatgactagt	430

<210> 8748
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 8748 cagtcagttt acgagtgtt ctgattagg ttgtataatt tatgatggat tggcagaggt	60
gcatacatta aatgtaactt gttttttgtc ctctccatt atacataatg gagtgatgat	120
atactgaatg tgtggaaga ataataaag agattgaatt tctacatcta gtgcatca	178

<210> 8749
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 8749 tactaataat ggtgttggt tagctatgat ggattcaaca tgaaaaatgt gaagctgtga	60
taggtcattg taatgtaaaa tttgttaaga caacaacatc agtttttggg cggatatgat	120
atttattgtg taaatttgct gatggaggac aggaccagag acagaatcag caatatacat	180
gctatagga agga	194

<210> 8750
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 8750 aggtgatgc tggatgatg gatgaattg aatgaatggt atctcctgag aatgggcaga	60
cactagaaca tgacctctg gacttacaga ctggcgatgt gaatacaaaa taatgtgtcg	120
agatgtgatc gacaatggta ttccactgag ggttactaca gtcagacaag atatgacgaa	180
gatgtgtgag ggagtgagg ggaagatgag aaagtagtgg tattatccga acacagtaga	240
attggtgcaa tttgctgata tgaaatgggt gatacatgct agattcaagt gtgatgagaa	300
ttggtactag ggaatggaaa tcactgctaa gattgcaagt gagtgaagag ggtgagccag	360
atgctctgga ctgcgtcata acatggactt gtgcaaatga ta	402

<210> 8751
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8751
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 cactgtgaaat tcagatgcaa agaggaactg ttgatcttga tgcccatacc totgatcaga 120
 atcttgacat actgtcatga gacactatag ggtacgttat ca 162

<210> 8752
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 8752
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 tgaccatcag ctgactagga gataatataa caggctgttg aaagtgaattg ttttttgaag 120
 atagaggata tgagattttc tgctgatctt ataattggtgt gatgtctgat atcttctgtt 180
 cgctgttatt gtta 194

<210> 8753
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 8753
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 ctcaaaagca atgcttaaat tttattcata atatactgac tgcaacaaca tcatgaaaat 120
 acaaaaaaaaa aaaaaaaaaa gacttgtaca tgaacagagg cg 162

<210> 8754
 <211> 466
 <212> DNA
 <213> Homo sapiens

<400> 8754
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 catctgccag atgccagtga gtagaggat gacagtctga gcaatggacc accataggta 120
 cctctggttg gtgctctcgc tcgtcagtcg gaagcgtctt tcacgatacc tttggaatc 180
 ctgctccttc tgaatctggt ccacctgac aagcaactgg cgggagcgga gctgtagctc 240
 cgacagatta tcttttgaag aaatctcagg gtagtagtag gaatgctccc caaactggat 300
 gtagagatga caccgaagtt tgacaacaga gaagagagcc atcctgatag aataggagtg 360
 aagacagata tgatggctcac cgggagtggt ggaggtgaaa gtgaagagga actcagagca 420

gataatgacc gggaggaaga acgaaataaa tagagaataa gaagac 466

<210> 8755
 <211> 496
 <212> DNA
 <213> Homo sapiens

<400> 8755
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 gaggagaaaa cgtgaacctt gctacccttg gtgaaaaact gtgtgacctt gagcaagtgg 120
 gtctcgtctc gtctcttttc tcagctgggg ataaaaatcc tacttcacag gactgtaaag 180
 attaagcaag gcaaggcata tgaaagtgtc tagcacataa taggggaaca atatatcctg 240
 tatctgagta tggataggag tgtggagatc atccagggtg agaggagaaa gaggggatta 300
 aagacagtca gtgggattaa gtgtctaccc tgaccttgct tctctacatt tcttttcat 360
 cttgaaagaa gttggagggt gcaaaaatat taagaagggt gatcagaatg acttggggac 420
 tgaaaatttg gaggaagag acaggctgtg caccttctag aatggattta tctcttttat 480
 gactaccaag aaggga 496

<210> 8756
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 8756
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 atctactgag gagcttttct ttttaactgg tggggaatgg gttctgggtg gttttgcccc 120
 ttgttttttt agattcaaga aatccatggt gaaagggttg gtattctatg aagaatagga 180
 ggataaagt atcaaggaga tggcagctca gatgcgcgag gtggagcaga gccgacagga 240
 agtgggcgtg tccgctct 258

<210> 8757
 <211> 551
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(551)
 <223> n = A, C, T or G

<400> 8757
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 attagaaaa tctcactttt tatcatcctc tcagtgcttg gtattggtgc ccttangtct 120

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gtgaacagca ttgcgttatg ccagtaaagt aatacttaaa tcaataattg cattctcagc 180
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tggcagaggc attaacatctt ttgccctaac cctggcctgg tgccctangct caggggagta 300
aaattagagc caggagccag ngagctgagg agaccactta aaaggcctgc tagcatttga 360
taagtaaggg gttactttgt gaggaaaaga aactttatat gctttaagca agcctcttta 420
tgaggaaaga aaggctcagct actgaagcgg ggtcccaact actgctgggt ctgtagagga 480
gagagacacc cccaaaatcc agatgtttta gttaacaatc agacacagac ttgtctctgg 540
tttcttacag g 551

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<210> 8758
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(466)
<223> n = A, C, T or G

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<400> 8758
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ccctggtgaa aaactgtgtg accttgagca agtcggtctc gctcagctctc tttctcagc 180
tggggataaa attcctactt cacaggactg taaagattaa gcaaggcgaag gcatatgaaa 240
gtgcttagca cataataggg gaacaatata tcctgtatct gagtatggat aggagtgggg 300
agaatatcca gggtgagagg gagaaaaatg gattaaagga caagcagggg gattaaatgt 360
ttaacctgac cttggttgtg tataatttgt tttgaattag aaagaaattg gtggtgggaa 420
aaatattagg aagggtgaac agaaagacat gggggcaggc atatgt 466

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<210> 8759
<211> 450
<212> DNA
<213> Homo sapiens

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<400> 8759
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ggttttaaa tagctgtctc agaatcatga ggctttccct ttttatcaaa tacgaaaaac 120
atttttaaaa ttctgcacac ccagtgtatc tcttttgtgc gggaaagcaa gatgatgatg 180
gatgatttta ttcctccttt tagtaaagac acaaaacatt tttctcaaca ttgtacagt 240
tctgaaaaaa acctgggtcac caaaaatata ttctctgcta attcagcaat tcttgggctc 300

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cagttagggg agctgggggc tcaactttct ccaggattgt gggcttctct ggaagtgaag 360
 ggtgaggaat gagtgggggtg tcgagcccg ccttggtctg ctgtgggttt gggggagggga 420
 gcgaggggatg aggtgccctg gcagatggca 450

<210> 8760
 <211> 530
 <212> DNA
 <213> Homo sapiens

<400> 8760
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 gcatttgcaa ggcttgagcc aagctgtgct gcgacacact atcaggagtt acttgatcct 120
 tcccgcacga agaaacttat gttgggagat caacaccagc tagtggcggt ctctataaag 180
 cctcaacgta tagaacagat ttcacatgcc cagaggctgt tgagcaggct tcatgtgcgc 240
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 tgtcactcat ttttatcctg gctgttgatc atctgcctaa tgaattattt tttgcttccc 360
 aaactccatt gtctcattct caatgcttat gtattgtctc ttattatttc cgctgcataa 420
 atcagaaaaga actcaaaaaa aaaaaaaaaa aaaaaattgg gggcggaag cttattccct 480
 ttagtaagg ttaattaaag ctgggactg gccggagggtg tacaagctcg 530

<210> 8761
 <211> 690
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(690)
 <223> n = A, C, T or G

<400> 8761
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 agacacaggg taagagcaaa gacaattggt ctgtggccga tgtccacctc ctccggggcgt 180
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 gggccaggac aggtgagagc ggcgcaggcc cgggcccggc gtggcgaggg tgcgctgag 360
 cggncagcag agggcgccag agagccagga gcggcccgcg gaggagcccg cgccggcccc 420
 ggtgccacc tccgcgcgcg gcggaccctc cgagcccgcg ctcagacgcc ccagctccgc 480

cgagagggcg cttgcgcgcg gtccttctcc cccaaatgca ggagagagccc ccggagccat 540
 gggcaggcct tccggcagct ccaaagccac tggcaagccc cgaaggcagg atggccggcc 600
 caggaggagg gaggacgacg tccctctccg aagagaagaa gctgcgggctc ttgctggtag 660
 gggggaagcg cacagcccca ggaactggaa 690

<210> 8762
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 8762
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 tggtagccct cctctgcaaag aaaaaaagag tcattaaagc actacaatat tacacataaa 180
 ctgattccatc taggtcagct ttagtcagga ccggagaatc agcaaacata agaaaaacaa 240
 aacctaggaa tacatacaaa agctctctatg ggggtgctaga accctcttag actggtgatg 300
 tatgtggagg gcattaagag ctggaaaggc gtatatgggt aactaccgtt aactatatcc 360
 tacagcaagg gctggggggg cagaacaagg tgaagtgagg tggttattag ggttgagg 418

<210> 8763
 <211> 632
 <212> DNA
 <213> Homo sapiens

<400> 8763
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 actagagaat atcttgttta gaaggatcat taagctaggt caaggtaaaa aacaggttat 120
 aagacaaatg catatgaatt ctacaactta taaggaaaga aaataccaaa ttatgtctat 180
 cagtcctcta aactacagaa gaacattatt ttacctaggt gtgcattgac acacacacac 240
 acacacacac acacaaatat ttaatgcttt taagtacatt tttaaaaaaa atctaacaa 300
 tactttgact agtccttttc tcttaatat atatatagac tgaagttttt gaaaaataaa 360
 gtagctgagc caatgaaatg ctttagcatt gtatttttac catcaagcac tgtttagcag 420
 gctgtatttc ccacttttct tcaattgatat caggagcaag cactagaaat atagaaaaata 480
 aataataaat aatcacaggt tccttaacct atttttttca gtctttatca gcttcacgta 540
 gagagctgct cactgtgtta tagcactttt taagttgcaa agccttgta tacaattat 600
 aatttgtatt cctctaagca agtcaagggg cg 632

<210> 8764
 <211> 450

<212> DNA
 <213> Homo sapiens

 <400> 8764
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 ccagagacct tacctgttca ctgggtctc ccaaccaatg gagatggctc caatgggtggc 180
 acaaaccagg gaagggaaat ctgaggttta attcctttat gcctcattct ctgagtgtctg 240
 aaggcttgct gtaggcctgt atgcctgtta aatgctaaat tgtgataggg gtttttgcct 300
 tccaatgaac tcccacatat ttacatttta ccagtgtatg atgcccgtgt actagcattg 360
 acatgggaac aaaattgctg cgggggggag gatgaacaaa gaaagtcag aagttacccc 420
 ttgtctggga taaaactata gtactttcaa 450

 <210> 8765
 <211> 562
 <212> DNA
 <213> Homo sapiens

 <220>
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 <222> (1)..(562)
 <223> n = A, C, T or G

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 ccagcctcgc atgcacttct gacaacacac ctgtccatca cagacactgc cagctgctct 180
 gtgtgtatcc atgtgtgtga gccagtgggt ctggcgggca gcggaacgat cgtccgtgat 240
 gctagacga acatgcacgg gcacgcactc cctggcgtgt gactggaggc tgctagaggg 300
 gcggacggga gtgagggcat gtgtctgcat gggactgata gggacagaga aacagtggca 360
 gacttggcgg atacatagct caccagacaa acatgcaccc tcagatagat agagggtaga 420
 aagatcaggg agaagagaga gccagacaa catgcacacc angcagtggc gggagaggca 480
 cgctcactac ataggaagaa tgaacagacg gcacacgcac gcagggcag gactgcagca 540
 catctaacca accatgccta ga 562

 <210> 8766
 <211> 594
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature

<222> (1) .. (594)

<223> n = A, C, G or T

<400> 8766

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gcattgcggt atgccagtaa atgaatactt aaatcaataa ttgcattctc agcagtcctc	180
ttagtctttg tttgtttgtt tgtttttcac agttgaattg caatgtagct gtttggcaga	240
ggcattaaca tttttgccct aacctgggcc tgggtgcctan gctcnaggga gtaaaattag	300
agccaggagc caggangctg aggagaccac ttaaaaggca tgctagcatt tgataagtaa	360
gggtgtactt tgtgaggaaa agaaactttt atatgcttta ngcaagcctc tttatganga	420
agaaaaagtc agctactgaa cgggggtccca actactgctg gggttgtaga ggagagagac	480
acccccataa tccagaggtt cagttaacaa tcagacacag acttgtctct ggtttcttac	540
aggggtgacag cagtattcgc tattttgaga tcaccgatga aaaccccggc accc	594

<210> 8767

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) .. (754)

<223> n = A , C, T or G

<400> 8767

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taggtctctg cactcccaaa agcaaattac attggcttga acttcagtat gcccggttcc	180
acctccaga aacttttgtg ttctttgtat agaatttagg aactctctgag gccacaaaat	240
acacacatta aaaaaggtag aatttttgaa gataagattc ttctaaaaaa gcttcccaat	300
gcttgagtag aaagtatcag tagaggtatc aagggaggag agactagggtg accactaac	360
tccttcagac tcttaaaatt acgattcttt tctcaaaggg gaagaacgtc agtgcagcga	420
tcccttcacc tttagctaaa gaattggact gtgctgtcca aaataaagat cagttggagg	480
tangatgtcc aagactgaag gtaaaggact agtgcaaac gaaagtgatg gggaaacaga	540
cctacgtatg gaagccatgt agtgttcttc acaggctgct gttgactgaa attcctatcc	600
tcaaattact ctagactgaa gctgcttccc ttcagtgcgc agcctctcct tccaagattc	660
tggaaaagcac acctgactcc aaacaaagac ttagagccct gtgtcagtcg tgctgctgct	720

tttaccagat tctctaacct tccgggtaga agag

754

<210> 8768

<211> 730

<212> PRT

<213> Homo sapiens

<400> 8768

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Gly His Gly Gly His Trp Arg Leu Asn Glu Met Pro Tyr Met Lys His
20 25 30

Glu Phe Asp Gly Gly Pro Pro Gln Asp Asn Ser Gly Glu Ala Leu Lys
35 40 45

Glu Pro Glu Arg Ala Gln Glu His Ser Leu Pro Asn Phe Ala Gly Gly
50 55 60

Gln His Phe Phe Glu Tyr Leu Leu Val Val Ser Leu Lys Lys Lys Arg
65 70 75 80

Ser Glu Asp Asp Tyr Glu Pro Ile Ile Thr Tyr Gln Phe Pro Lys Arg
85 90 95

Glu Asn Leu Leu Arg Gly Gln Gln Glu Glu Glu Arg Leu Leu Lys
100 105 110

Ala Ile Pro Leu Phe Cys Phe Pro Asp Gly Asn Glu Trp Ala Ser Leu
115 120 125

Thr Glu Tyr Pro Ser Leu Ser Cys Lys Thr Pro Gly Leu Leu Ala Ala
130 135 140

Leu Val Val Glu Lys Ala Gln Pro Arg Thr Cys Cys His Ala Ser Ala
145 150 155 160

Pro Ser Ala Ala Pro Gln Ala Arg Gly Pro Asp Ala Pro Ser Pro Ala
165 170 175

Ala Gly Gln Ala Leu Pro Ala Gly Pro Gly Pro Arg Leu Pro Lys Val
180 185 190

Tyr Cys Ile Ile Ser Cys Ile Gly Cys Phe Gly Leu Phe Ser Lys Ile
195 200 205

Leu Asp Glu Val Glu Lys Arg His Gln Ile Ser Met Ala Val Ile Tyr
 210 215 220

Pro Phe Met Gln Gly Leu Arg Glu Ala Ala Phe Pro Ala Pro Gly Lys
 225 230 235 240

Thr Val Thr Leu Lys Ser Phe Ile Pro Asp Ser Gly Thr Glu Phe Ile
 245 250 255

Ser Leu Thr Arg Pro Leu Asp Ser His Leu Glu His Val Asp Phe Ser
 260 265 270

Ser Leu Leu His Cys Leu Ser Phe Glu Gln Ile Leu Gln Ile Phe Ala
 275 280 285

Ser Ala Val Leu Glu Arg Lys Ile Ile Phe Leu Ala Glu Gly Leu Arg
 290 295 300

Glu Glu Glu Lys Asp Val Arg Asp Ser Thr Glu Val Arg Gly Ala Gly
 305 310 315 320

Glu Cys His Gly Phe Gln Arg Lys Gly Asn Leu Gly Lys Gln Trp Gly
 325 330 335

Leu Cys Val Glu Asp Ser Val Lys Met Gly Asp Asn Gln Arg Gly Thr
 340 345 350

Ser Cys Ser Thr Leu Ser Gln Cys Ile His Ala Ala Ala Ala Leu Leu
 355 360 365

Tyr Pro Phe Ser Trp Ala His Thr Tyr Ile Pro Val Val Pro Glu Ser
 370 375 380

Leu Leu Ala Thr Val Cys Cys Pro Thr Pro Phe Met Val Gly Val Gln
 385 390 395 400

Met Arg Phe Gln Gln Glu Val Met Asp Ser Pro Met Glu Glu Ile Gln
 405 410 415

Pro Gln Ala Glu Ile Lys Thr Val Asn Pro Leu Gly Val Tyr Glu Glu
 420 425 430

Arg Gly Pro Glu Lys Ala Ser Leu Cys Leu Phe Gln Val Leu Leu Val
 435 440 445

Asn Leu Cys Glu Gly Thr Phe Leu Met Ser Val Gly Asp Glu Lys Asp
 450 455 460

Ile Leu Pro Pro Lys Leu Gln Asp Asp Ile Leu Asp Ser Leu Gly Gln
 465 470 475 480

Gly Ile Asn Glu Leu Lys Thr Ala Glu Gln Ile Asn Glu His Val Ser
 485 490 495

Gly Pro Phe Val Gln Phe Phe Val Lys Ile Val Gly His Tyr Ala Ser
 500 505 510

Tyr Ile Lys Arg Glu Ala Asn Gly Gln Gly His Phe Gln Glu Arg Ser
 515 520 525

Phe Cys Lys Ala Leu Thr Ser Lys Thr Asn Arg Arg Phe Val Lys Lys
 530 535 540

Phe Val Lys Thr Gln Leu Phe Ser Leu Phe Ile Gln Glu Ala Glu Lys
 545 550 555 560

Ser Lys Asn Pro Pro Ala Glu Val Thr Gln Val Gly Asn Ser Ser Thr
 565 570 575

Cys Val Val Asp Thr Trp Leu Glu Ala Ala Ala Thr Ala Leu Ser His
 580 585 590

His Tyr Asn Ile Phe Asn Thr Glu His Thr Leu Trp Ser Lys Gly Ser
 595 600 605

Ala Ser Leu His Glu Val Cys Gly His Val Arg Thr Arg Val Lys Arg
 610 615 620

Lys Ile Leu Phe Leu Tyr Val Ser Leu Ala Phe Thr Met Gly Lys Ser
 625 630 635 640

Ile Phe Leu Val Glu Asn Lys Ala Met Asn Met Thr Ile Lys Trp Thr
 645 650 655

Thr Ser Gly Arg Pro Gly His Gly Asp Met Phe Gly Val Ile Glu Ser
 660 665 670

Trp Gly Ala Ala Ala Leu Leu Leu Leu Thr Gly Arg Val Arg Asp Thr
 675 680 685

Gly Lys Ser Ser Ser Ser Thr Gly His Arg Ala Ser Lys Ser Leu Val
 690 695 700

Trp Ser Gln Val Cys Phe Pro Glu Ser Trp Glu Glu Arg Leu Leu Thr
 705 710 715 720

Glu Gly Lys Gln Leu Gln Ser Arg Val Ile
 725 730

<210> 8769
 <211> 674
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<220>
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 <222> (201)..(201)
 <223> n = A, C, G or T

<220>
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 <222> (477)..(538)
 <223> masked repetitive sequence

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 cattgtgact atcaaattaa accacaggca ggaagttgcc ttgaaaactt tttatagtgt 180
 atattactgt tcacatagat nagcaattaa cttacatat acccgttttt aaaagatcag 240
 tcctgtgatt aaaagtctgg ctgccctaata tcacttcgat tatacattag gttaaagcca 300
 tataaaagag gcactacgtc ttccggagaga tgaatggata ttacaagcag taatgttggc 360
 ttgtgaatat acacataatg tccacttgac ctcatctatt tgacacaaaa tgtaaaactaa 420
 attatgagca tcattagata ccttgacctt ttcaaatcac acagggtcct agatctnnnn 480
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnac 540
 ttgtggatcc ctatatcttt gtcagctgtc aacttcagtg ttttcagggt aaattctatc 600
 catagtcatc ccaatatacc tgctttagat gatacaacct tcaaagatc cgctcttcct 660
 cgtaaaaagt ggag 674

<210> 8770
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 <212> DNA
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<220>

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<222> (1)..(1010)
<223> n = A, C, T or G

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ccaatttctc atcattgtga ctatcaaatt aaaccacagg caggaaagttg ccttgaaaac      180
tttttatagt gtatattact gttcacatag atnagcaatt aactttacat ataccggttt      240
ttaaaagatc agtcctgtga ttaaaagtct ggctgcccta attcacttcg attatacatt      300
agggttaaagc catataaaag aggcactacg tcttcggaga gatgaatgga tattacaagc      360
agtaattttg gctttggaat atacacataa tgtccacttg acctcatcta ttgacacaaa      420
aatgtaaact aaattatgag catcattaga taccttgggc cttttcaaat cacacagggg      480
cctagatctg nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      540
nnnnnnnnnn nactttgat tcttatatct ttgtcagctg tcaacttcag tgttttcagg      600
ntaaattcta tccatagtca tcccaatata cctgctttag atgatacaaa cttcaaaaaga      660
tccggctctc cctcgtaaaa cgtggaggac agacatcaag ggggttttct gagtaaagaa      720
aggcaaccgc tcggcaaaaa ctcaccctgg cacaacagga ncgaatatat acagacgctg      780
attgagcgtt ttgctccatc ttcacttctg ttaaatgaag acattgatat ctaaaatgct      840
atgagtgtaa ctttgtaaaa ttaaaataga ttgtagtta tttttcaaaa tgaatcgaa      900
aagatacaag ttttgaaggc agtctctttt tccaccctgc ccctctagtg tgttttacac      960
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<210> 8771
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<212> DNA
<213> Human cytomegalovirus

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<400> 8771
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<210> 8772
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<212> DNA
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<400> 8772
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<210> 8773
<211> 20

<212> DNA
<213> Human cytomegalovirus

<400> 8773
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<210> 8774
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<400> 8774
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<210> 8775
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<400> 8775
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<400> 8801
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<210> 8828

<211> 5252

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3967)..(3988)
 <223> Masked repetitive sequence from Repeat Masker

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<210> 8829
<211> 841
<212> DNA
<213> Homo sapiens

<400> 8829
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agagaaggaa tattgggtta caatctgaat ttctctttat gatttctctt aaagtataga      180
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aatacagcag ctttaattat tggagaacat caaagtaatt aggtgccgaa aaacattggt      780
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a                                                                                   841

```

```

<210> 8830
<211> 841
<212> DNA
<213> Homo sapiens

```

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<222> (94)..(121)
<223> Masked repetitive sequence

```

```

<220>
<221> misc_feature
<222> (569)..(604)
<223> Masked repetitive sequence

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aatacacgag ctttaattat tggagaacat caaagtaatt aggtgccgaa aaacattggt 780
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a 841

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<210> 8831
<211> 63
<212> DNA
<213> Artificial Sequence

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```

<220>
<223> T7T24 Primer

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```

<400> 8831
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ttt 63

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```

<210> 8832
<211> 1010
<212> DNA
<213> Homo sapiens

```

```

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<222> (213)..(213)
<223> n = A, C, G or T

```

```

<220>
<221> misc_feature
<222> (491)..(551)
<223> masked repetitive sequence

```

```

<220>
<221> misc_feature
<222> (601)..(601)

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<223> n = A, C, G or T

<220>

<221> misc_feature

<222> (761)..(761)

<223> n = A, C, G or T

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ccaatttctc atcattgtga ctatcaaatt aaaccacagg caggaagttg ccttgaaaac      180
tttttatagt gtatattact gttcacatag atnagcaatt aactttacat atacccgttt      240
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